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# Annual Survey of Oil and Gas

## (Preliminary) 1973



Issued December 1974

SERIES: MA-13K(73)-1

### INTRODUCTION

This release contains preliminary statistics covering oil and gas field activities from the Bureau of the Census' 1973 Annual Survey of Oil and Gas (ASOG) which will be superseded by final statistics to be published in a subsequent report. These universe estimates are based on a probability sample of approximately 525 companies, primarily selected from the 1972 Census of Mineral Industries universe. The selected companies accounted for 94 percent (uninflated) of 1972 crude petroleum and natural gas revenues reported by establishments classified in Standard Industrial Classification Industry 1311, "Crude Petroleum and Natural Gas." The 1973 ASOG is the initial survey of this type conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

### SUMMARY OF FINDINGS

**Gross Operator Basis.**--The gross operator basis sales volumes for crude petroleum and condensate and for natural gas from the ASOG were respectively 3.3 billion barrels and 22.2 trillion cubic feet compared to Bureau of Mines production quantities of 3.4 billion barrels and 22.6 trillion cubic feet.

**Net Company Interest (Ownership) Basis.**--Revenues for natural gas (\$4.0 billion), and crude petroleum and condensate (\$10.3 billion) on a net company interest basis totalled \$14.3 billion or 79% of comparable gross operator basis revenues. The difference between net company interest and gross operator basis statistics is due to net company interest (net working interest, royalty interest, etc.) of nonoperating entities that were not generally canvassed in the ASOG. Expenditures in 1973 for exploration, development, and production amounted

to \$12.4 billion. Of this total, exploration accounted for \$5.2 billion, development \$3.0 billion, and production \$4.2 billion. Gross book value of oil and gas field assets amounted to \$54.9 billion at the end of 1973.

### SAMPLE DESIGN AND QUALIFICATIONS OF THE DATA

The estimates presented in this report are derived from a stratified random sample of companies classified in the 1972 Economic Census as operators of crude petroleum and natural gas fields. The sample was augmented by the addition of oil and gas field contractors with revenues of \$2 million or more from oil and gas field operations as a secondary activity and by a partial list of companies with large nonoperating working interest in oil and gas leases, as reported in the trade literature. The minor difference between Bureau of Mines figures and the estimates shown in this report for sales volumes are attributable, in part, to differences between the target universes, and in part to sample error. Differences between estimates presented on a net company interest basis versus estimates for operators are largely accounted for by nonoperating company interest holders not generally canvassed as such in this survey or in the 1972 Economic Census.

Over 95 percent of the estimated totals are attributable to reported data. Imputations were made by the Bureau of the Census for those companies whose reports were not received in time for tabulation.

### ADDITIONAL INFORMATION

Copies of the questionnaire and instructions are available upon request to explain concepts and definitions used. The final report will include more detailed explanations of the methodology used.

Inquiries concerning these figures should be addressed to the U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233.

U.S. DEPARTMENT OF COMMERCE | Social and Economic Statistics Administration | BUREAU OF THE CENSUS

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SELECTED NET COMPANY INTEREST AND GROSS OPERATOR BASIS STATISTICS FOR  
THE UNITED STATES: 1973

Item	Unit of measure	Net company interest basis	Gross operator basis
Sales volumes:			
Crude petroleum and condensate.....	Billion barrels	2.6	3.3
Natural gas.....	Trillion cubic feet	18.0	22.2
Total lease revenues.....	Billion dollars	14.8	(X)
Crude petroleum and condensate.....	do	10.3	13.0
Natural gas.....	do	4.0	5.0
Royalty.....	do	0.4	(X)
Other.....	do	0.1	(X)
Total expenditures (capitalized and expensed).....	do	12.4	(X)
Exploration expenditures.....	do	5.2	(X)
Drilling and equipping wells.....	do	0.9	1.1
Other.....	do	4.3	(X)
Development expenditures.....		3.0	(X)
Drilling and equipping wells.....	do	1.7	2.1
Other.....	do	1.3	(X)
Production expenditures.....	do	4.2	(X)
Gross book value of fixed assets.....	do	54.9	(X)
Total employment.....	Thousands	(X)	127.0
Relative standard error estimates: <sup>1</sup>			
Crude petroleum and condensate revenues...	Percent	0.7	0.5
Total employment.....	do	(X)	1.9

(X) Not applicable.

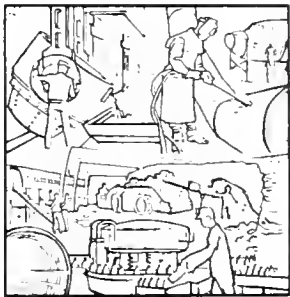
<sup>1</sup>The particular sample selected for this survey is one of a large number of all possible samples of the same size that could have been selected, by chance, using the same sample design. Each of the samples would yield somewhat different sets of results. The sampling errors - the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of estimate shown for a few key data items in the report.

The relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals or ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

6. 216:

Annual Survey of Oil and Gas  
1973 Final



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## Introduction

### SUMMARY OF SURVEY RESULTS

Revenues for crude petroleum and condensate on a gross operator basis<sup>1</sup> amounted to \$13,040 million in 1973, an increase of 15 percent from the 1972 Census of Mineral Industries figure of \$11,332 million. Corresponding volume figures were 3,348 and 3,370 million barrels, respectively. The 1973 average unit value was \$3.89 per barrel, an increase of 16 percent from the 1972 average unit value of \$3.36 per barrel.

Gross operator revenues for natural gas totalled \$5,064 million in 1973, an increase of 17 percent from the comparable 1972 figure of \$4,317 million. Corresponding quantity figures rose from 21,902 billion cubic feet in 1972 to a 1973 total of 22,315 billion cubic feet, an increase of 2 percent. The 1973 average unit value for natural gas of 22.7 cents per thousand cubic feet was 15 percent higher than the corresponding 1972 figure of 19.7 cents.

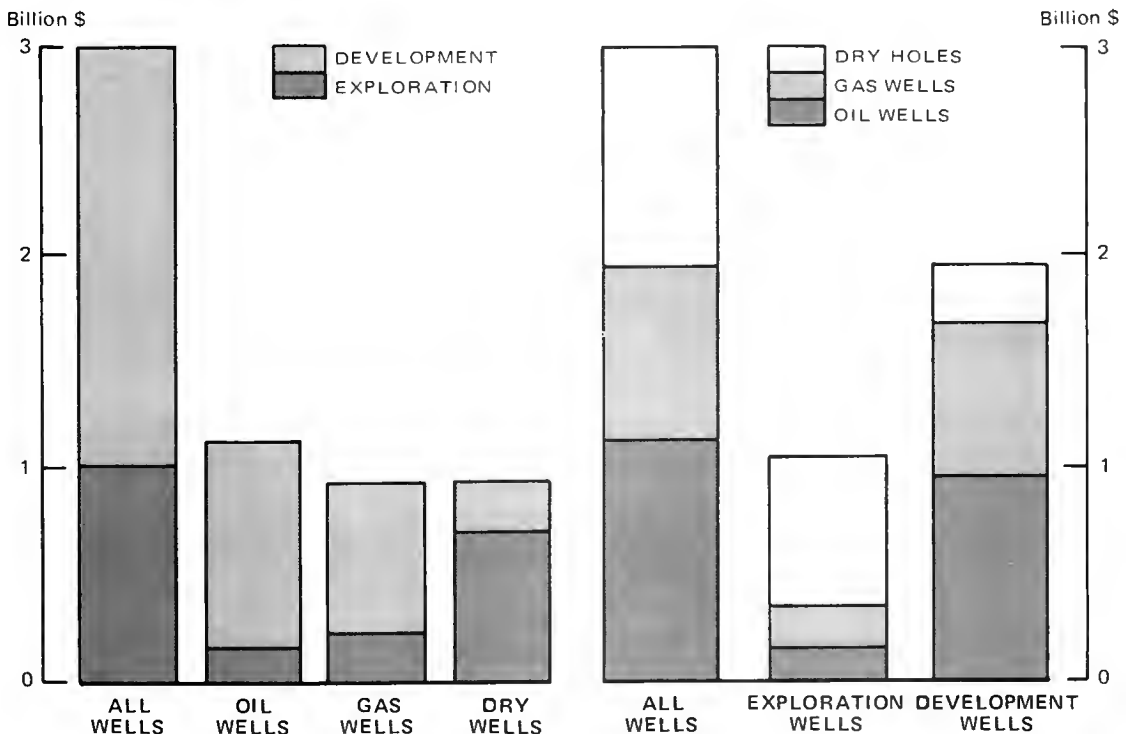
Gross operator expenditures for drilling and equipping wells completed during 1973 totalled \$3,000 million. Chart A shows the distribution of these expenditures by type of well.

Drilling work-in-progress at the end of 1973 increased in value by \$324 million from the corresponding level at the beginning of 1973. Thus, expenditures incurred during 1973 for drilling and equipping wells totalled \$3,324 million.

The major portion of the Annual Survey of Oil and Gas (ASOG) deals with statistics reported on a net company interest basis.<sup>1</sup> Revenues credited to the account of oil and gas field companies for sales of crude petroleum and condensate totalled \$10,346 million in 1973. Comparable revenues for natural gas

<sup>1</sup> See section, "Comparability of Net Company Interest to Gross Operator Basis Statistics: 1973" for definitions of terms.

Chart A. Expenditures for Wells Completed During 1973



were \$4,059 million. Related volumes were 2,643 million barrels and 18,057 billion cubic feet, respectively. The 1973 average unit values for both natural gas and crude petroleum and condensate on a net company interest basis varied by less than 1 percent from the average unit values reflected in gross operator statistics.

Chart B shows the proportion of various statistics accounted for by groups of companies ranked by the value of their lease revenues. Figure 1 shows the net company interest oil and gas revenues for the largest 8 and the next largest 24 companies as a percentage of gross operator oil and gas revenues. The ownership share of the eight largest companies amounted to 42 percent of all oil and gas revenues. Figures 2 and 3 include percentages calculated solely from table 2, and accordingly represent net working interest statistics. The largest eight companies owned 48 percent of the assets of oil and gas field properties and accounted for 42 percent of the expenditures for acquiring non-producing leases. Table 2 of the report includes

additional detailed statistics based upon the lease revenue of oil and gas companies.

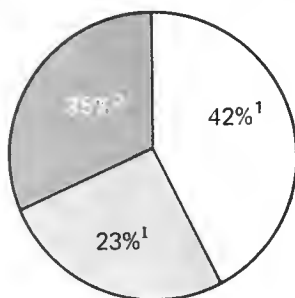
Chart C shows that the geographic structure of the industry varies according to the current status of exploration, development, and production activity of an area. The onshore lower 48 States are primarily in a production phase of operation whereas the offshore lower 48 States and Alaska are primarily in exploration and development phases. The various shares in the illustrations in chart C give a picture of the mix of activities for the geographic areas with major operational differences.

Figures 3 and 4 of chart C highlight initial stages of finding and developing oil and gas fields. Often a number of years transpire between lease acquisition and developed productive capacity in offshore areas. The information contained in figures 3 and 4 indicate that in future years the percentage of lease revenues (figure 1 of chart C) from both the offshore lower 48 States and Alaska can be expected to increase relative to the onshore lower 48 States. This chart is based on

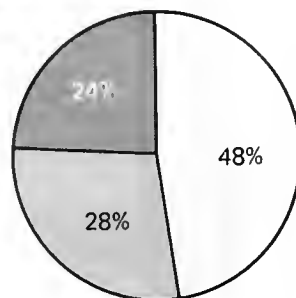
**Chart B. Distribution of Selected Items for Companies Ranked by Total Lease Revenues**

LARGEST 8 COMPANIES
  COMPANIES RANKED 9th THRU 32nd
  ALL OTHER COMPANIES

**FIGURE 1**  
Oil and Gas  
Revenues  
(\$18.1 Billion)

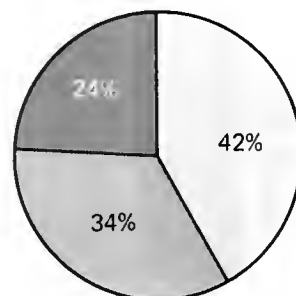


**FIGURE 2**  
Assets of Oil and Gas  
Field Properties  
(\$54.4 Billion)



- 1 Represents net company interest share of gross oil and gas revenues.
- 2 Includes figures for non operating interest holders derived by difference between gross operator and net company interest statistics.

**FIGURE 3**  
Expenditures  
for Acquiring  
Nonproducing  
Leases (Oil and Gas  
Mineral Rights)  
(\$3.6 Billion)



selected statistics from table 3, "Detailed Statistics by Geographical Area: 1973."

Of the net company interest total of 2,643 million barrels of crude petroleum and condensate, 1,917 million barrels were produced from leases containing only oil wells, 89 million barrels (of condensate) were produced from gas leases, and 637 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 18,057 billion cubic feet of natural gas showed that 11,399 billion cubic feet were produced from leases containing only gas wells, 1,878 billion cubic feet (of casinghead gas) were produced from leases containing only oil wells, and 4,780 billion cubic feet were produced from leases containing both oil and gas wells.

Net company interest expenditures for exploration, development, and production amounted to \$12,694 million in 1973. Of this total, exploration accounted for \$5,446 million, development \$3,039 million, and production \$4,208 million.

One of the significant findings of the 1973 ASOG was that for most company groupings (table 2 and chart D) the total of exploration, development, and production expenditures exceeded total lease revenues.

This was apparently due to the relatively high level of expenditures for lease acquisition of nonproducing properties which chart D illustrates. Note that when such expenditures are excluded, none of the company groupings had expenditures greater than lease revenues. Figure 4, chart C, shows that 87 percent of the lease acquisition expenditures for nonproducing acreage were in the offshore lower 48 States. A predominant part of these expenditures occurred at the December 1972 and December 1973 Federal Outer Continental Shelf sales held by the U.S. Department of the Interior, Bureau of Land Management. Lease acquisition expenditures amounted to \$1.7 billion in December 1972, \$1.6 billion in June 1973, and \$1.4 billion in December 1973. Since 20 percent of the amount of each successful bid had to be paid at the time of sale and the remaining 80 percent within 30 days, December 1972 or December 1973 expenditures could be

Chart C. Distribution of Selected Items by Geographic Areas

(Net Company Interest Basis)

ONSHORE LOWER-48 STATES

OFFSHORE LOWER-48 STATES

ALASKA

FIGURE 1  
Total Lease  
Revenue  
(\$14.9 Billion)

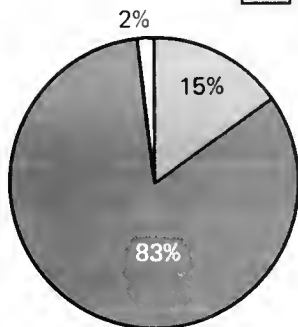


FIGURE 2  
Assets of Oil and Gas  
Field Properties  
(\$54.4 Billion)

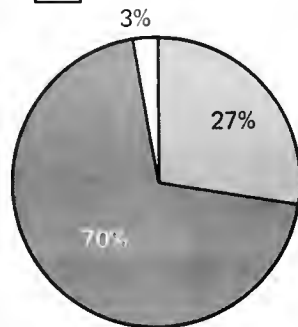


FIGURE 3  
Expenditures for  
Drilling and  
Equipping Wells  
(\$2.7 Billion)

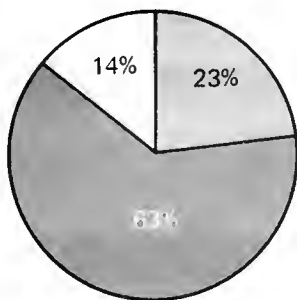
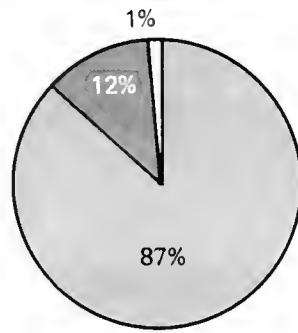


FIGURE 4  
Expenditures  
for Acquiring  
Nonproducing  
Leases (Oil and Gas  
Mineral Rights)  
(\$3.6 Billion)



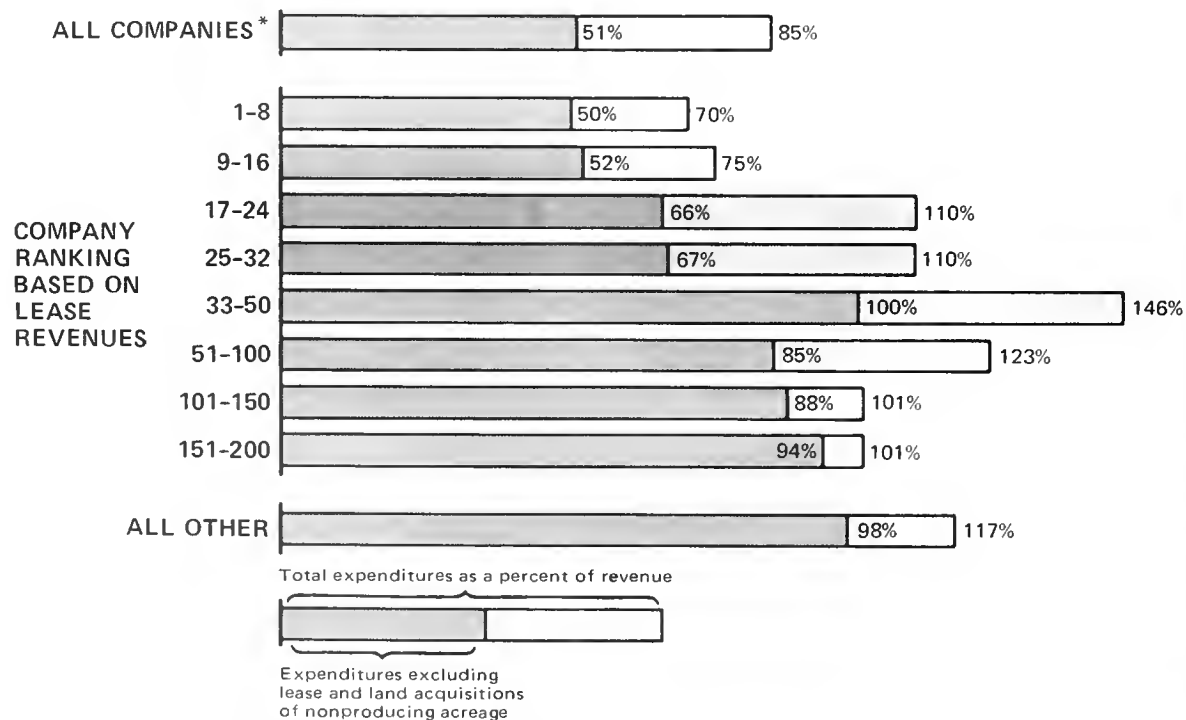
reported in the 1973 ASOG in whole or in part, depending on the accounting options taken by the respective companies.

Chart E is also based on statistics from table 2 and indicates the higher percentage of lease revenues expended by smaller companies for production.

Production expenditures do not represent all expenditures actually incurred for production since income taxes, depletion, depreciation, amortization, and interest on investment are excluded.

The preceding summary information was based on statistics which appear in tables 1 through 4. These include aggregates of all detailed data collected for this survey. Tables 5 through 16 feature disaggregated statistics. For these tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 16 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphics presented in this report focus attention on some of the significant findings of this report.

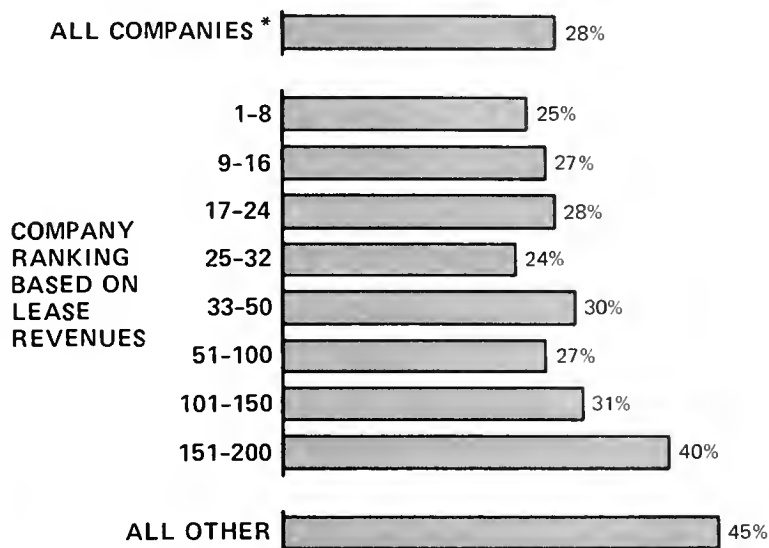
Chart D. Total Expenditures (Exploration, Development and Production) as a Percentage of Revenues for Companies Ranked by Total Lease Revenues



\* This chart is based on net company interest data shown in Table 2.



**Chart E. Production Expenditures as a Percentage of Revenues for Groups of Companies Ranked by Total Lease Revenues**



\*This chart is based on net company interest data shown in Table 2.

### COMPARABILITY OF NET COMPANY INTEREST TO GROSS OPERATOR BASIS STATISTICS: 1973

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated, whether for their own account or for the account of others. Net company interest basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 80 percent of gross operator basis statistics. Expenditures for drilling and equipping wells on a net company interest basis were 18 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not

canvassed, e.g., results of the 1972 Census of Mineral Industries indicate that royalty interest holders account for approximately 16 percent of the average operator account.

Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table A, page 6, compares 1973 sales on a net company interest and gross operator basis.

### COMPARISON OF BUREAU OF THE CENSUS TO BUREAU OF MINES STATISTICS

Minor differences occur between the Bureau of the Census gross operator and the Bureau of Mines

statistics which are due to causes such as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude petroleum and natural gas data directly from operators of oil and gas field properties. The Bureau of Mines obtains most of its production data for crude petroleum from state regulatory agencies and collects natural gas data directly from producing companies. Also production used for power and heat at leases is included in Bureau of Mines data but excluded from Bureau of the Census data. Table B, page 7, provides a comparison of 1973 data from the two bureaus.

## PUBLICATION PROGRAM

This release contains final statistics covering oil and gas field exploration, development, and production activities from the 1973 Annual Survey of Oil and Gas (ASOG). Where applicable, comparable figures from the 1967 and 1972 Censuses of Mineral Industries are included. The ASOG 1973 survey is the initial one of an annual series to be conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

Table A. COMPARISON OF GROSS OPERATOR AND NET COMPANY INTEREST STATISTICS

Reporting basis	Crude petroleum and condensate		Natural gas	
	Quantity	Value	Quantity	Value
	(million barrels)	(million dollars)	(billion cubic feet)	(million dollars)
Gross operator basis.....	3,347.7	13,039.6	22,314.7	5,064.1
Net company interest basis.....	2,643.1	10,345.6	18,057.3	4,058.8
Difference between gross operator and net company interest statistics.....	704.6	2,694.0	4,257.4	1,005.3

Table B. COMPARISON OF BUREAU OF THE CENSUS AND BUREAU OF MINES STATISTICS

Agency	Crude petroleum and condensate		Natural gas	
	Quantity (million barrels)	Value (million dollars)	Quantity (billion cubic feet)	Value (million dollars)
Bureau of the Census (sales--gross operator basis).....	3,347.7	13,039.6	22,314.7	5,064.1
Bureau of Mines <sup>1</sup> (production).....	3,360.9	13,057.9	<sup>2</sup> 22,647.5	4,894.1
Census-Mines ratio.....	.996	.999	.985	1.035

<sup>1</sup>Source: U.S. Bureau of Mines, Natural Gas, annual; Petroleum Statement, monthly, May 1974 and February 1974.

<sup>2</sup>Marketed production represents gross withdrawals less gas used for repressuring and quantities vented or flared.

Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1973, 1972, AND 1967

(Gross operator basis)								
Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales <sup>1</sup>					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volumes:								
Crude petroleum and condensate:								
1973.....	Mill. bbl....	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
From stripper well leases.....	.....do.....	259.2	48.8	32.8	6.8	10.5	10.9	109.8
Lease condensate.....	.....do.....	165.9	80.0	26.7	22.8	4.1	8.0	141.8
1972 <sup>2</sup> .....	.....do.....	3,369.6	1,817.8	612.9	211.4	102.5	103.7	2,848.5
1967.....	.....do.....	3,043.7	1,646.6	517.0	184.0	79.4	124.8	2,551.8
Natural gas:								
1973.....	Bill. cu. ft.	22,314.7	11,322.3	3,577.7	1,528.6	1,174.2	902.3	18,505.1
1972 <sup>2</sup> .....	.....do.....	21,902.4	10,607.4	3,546.1	1,742.3	1,057.7	1,216.4	18,169.9
1967.....	.....do.....	17,126.1	7,903.8	3,105.0	1,395.0	1,156.2	817.3	14,377.3
Lease revenues:								
Crude petroleum and condensate:								
1973.....	Mill. dol....	13,039.6	7,035.3	2,448.3	741.1	394.9	483.5	11,103.3
Lease condensate, 1973.....	.....do.....	695.7	340.0	103.7	94.5	17.5	35.5	591.2
1972 <sup>2</sup> .....	.....do.....	11,331.8	6,193.7	2,024.3	699.1	354.3	336.2	9,607.6
1967.....	.....do.....	8,799.6	4,898.8	1,475.0	513.9	216.2	352.4	7,456.3
Natural gas:								
1973.....	.....do.....	5,064.1	2,493.1	793.6	380.0	253.8	239.0	4,159.5
1972 <sup>2</sup> .....	.....do.....	4,317.3	2,061.5	687.0	377.2	213.8	256.4	3,595.9
1967.....	.....do.....	2,887.5	1,340.6	501.0	240.4	178.6	176.9	2,437.5
Expenditures for drilling and equipping wells completed during the year:								
1973, total.....	.....do.....	3,000.3	952.8	383.1	202.2	118.7	240.0	1,896.8
Exploration.....	.....do.....	1,047.2	245.4	136.0	44.8	40.1	107.1	573.4
Development.....	.....do.....	1,953.0	707.4	247.1	157.4	78.6	132.9	1,323.4
Expenditures incurred during the year for drilling and equipping wells, 1973:								
Exploration.....	.....do.....	3,324.2	1,195.1	397.1	221.3	122.2	266.2	2,201.9
Development.....	.....do.....	1,142.1	313.8	116.9	59.4	49.9	118.2	658.2
Dry holes completed during the year:	.....do.....	2,182.1	881.3	280.2	161.9	72.3	148.0	1,543.7
Oil wells completed during the year:								
1973, total.....	.....do.....	949.5	278.5	142.2	50.4	24.1	82.9	578.1
Exploration.....	.....do.....	688.2	188.0	103.8	30.1	21.1	68.1	411.1
Development.....	.....do.....	261.4	90.6	38.4	20.3	2.9	14.8	166.9
Gas wells completed during the year:								
1973, total.....	.....do.....	1,103.3	125.4	135.0	68.2	23.5	78.9	731.1
Exploration.....	.....do.....	139.7	15.2	11.6	5.9	1.4	12.0	46.0
Development.....	.....do.....	963.5	110.2	123.4	62.3	22.1	67.0	685.1
Gas wells completed during the year:								
1973, total.....	.....do.....	947.5	248.9	105.9	83.6	71.2	78.1	587.6
Exploration.....	.....do.....	219.4	42.3	20.6	8.8	17.6	27.0	116.3
Development.....	.....do.....	728.1	206.6	85.3	74.8	53.6	51.1	471.3
Work-in-progress adjustment 1973, total:								
Exploration.....	.....do.....	324.3	242.3	14.0	19.1	3.5	26.2	305.1
Development.....	.....do.....	95.0	68.4	-19.1	14.5	9.8	11.1	84.8
Employment:	.....do.....	229.3	173.9	33.0	4.6	-6.3	15.1	220.4
1973.....	.....do.....	127.1	38.3	21.1	6.5	6.9	4.8	77.6

Note: Detailed figures may not add to totals due to independent rounding.

<sup>1</sup>1972 and 1967 statistics exclude data for secondary oil and gas field activities of establishments not classified in industry 1311, e.g., establishments classified in the oil and gas field services industries. Shipments of oil and gas by industries other than 1311 were valued at \$34.6 million in 1972 and \$53.1 million in 1967.

<sup>2</sup>The value of shipments for crude petroleum and natural gas, not specified by kind, totaled \$676.3 million in the 1972 Census of Mineral Industries. For this table, this amount has been allocated to crude petroleum and natural gas and corresponding shipment quantities have been estimated based on industry averages.

Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1973, 1972, AND 1967--Continued

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales <sup>1</sup> --Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1973.....	Mil. bbl....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5
From stripper well leases.....	.....do.....	6.5	8.1	124.5	11.1	6.2	142.1	117.1
Lease condensate.....	.....do.....	3.2	6.1	151.1	3.5	1.8	156.4	9.5
1972 <sup>2</sup> .....	.....do.....	57.7	67.4	2,973.4	65.9	46.8	3,086.1	283.4
1967.....	.....do.....	55.8	51.0	2,658.6	61.5	39.1	2,759.2	284.5
Natural gas:								
1973.....	Bil. cu. ft.	671.5	674.1	19,850.7	500.3	283.9	20,634.9	1,680.0
1972 <sup>2</sup> .....	.....do.....	643.4	633.1	19,446.4	520.8	305.7	20,272.9	1,629.5
1967.....	.....do.....	652.1	530.4	15,559.8	368.9	224.0	16,152.7	973.4
Lease revenues:								
Crude petroleum and condensate:								
1973.....	Mil. dol....	245.2	252.3	11,600.9	240.3	157.4	11,998.5	1,041.1
Lease condensate: 1973.....	.....do.....	13.0	28.4	632.6	14.1	8.3	655.2	40.5
1972 <sup>2</sup> .....	.....do.....	190.1	220.5	10,018.2	214.2	156.5	10,388.9	942.8
1967.....	.....do.....	161.9	144.4	7,762.6	175.1	109.3	8,047.0	752.6
Natural gas:								
1973.....	.....do.....	161.5	173.3	4,494.2	116.9	67.2	4,678.4	385.8
1972 <sup>2</sup> .....	.....do.....	126.6	120.2	3,842.7	102.8	56.6	4,002.1	315.2
1967.....	.....do.....	108.9	93.7	2,640.1	61.7	41.0	2,742.8	144.7
Expenditures for drilling and equipping wells completed during the year:								
1973, total.....	.....do.....	186.0	142.2	2,225.0	132.5	78.1	2,435.6	564.7
Exploration.....	.....do.....	75.6	65.9	714.9	54.1	41.5	810.5	236.7
Development.....	.....do.....	110.4	76.4	1,510.1	78.3	36.6	1,625.0	328.0
Expenditures incurred during the year for drilling and equipping wells, 1973.....								
Exploration.....	.....do.....	175.0	151.8	2,528.7	135.4	80.0	2,744.0	580.2
Development.....	.....do.....	68.4	71.9	798.5	53.8	42.5	894.9	247.3
Dry holes completed during the year:	.....do.....	106.6	79.9	1,730.2	81.5	37.5	1,849.2	333.0
Oil wells completed during the year:								
1973, total.....	.....do.....	59.0	63.7	700.8	40.1	28.4	769.2	180.3
Exploration.....	.....do.....	42.0	42.3	495.4	27.7	23.8	546.9	141.3
Development.....	.....do.....	17.0	21.5	205.4	12.3	4.6	222.4	39.0
Gas wells completed during the year:								
1973, total.....	.....do.....	46.0	35.7	812.7	45.8	24.2	882.8	220.5
Exploration.....	.....do.....	7.8	13.7	67.5	10.4	6.8	84.7	55.0
Development.....	.....do.....	38.2	22.0	745.3	35.4	17.4	798.1	165.5
Gas wells completed during the year:								
1973, total.....	.....do.....	81.1	42.8	711.5	46.6	25.4	783.6	163.9
Exploration.....	.....do.....	25.8	9.9	152.0	16.1	10.9	179.0	40.4
Development.....	.....do.....	55.3	32.9	559.3	30.6	14.6	604.6	123.5
Work-in-progress adjustment, 1973, total.....								
Exploration.....	.....do.....	-11.0	9.6	303.7	2.6	2.0	308.3	16.0
Development.....	.....do.....	-7.2	6.1	83.6	-0.5	1.1	84.3	10.7
Employment:	.....do.....	-3.8	3.5	220.1	3.0	0.9	224.0	5.3
Employment:								
1973.....	.....do.....	4.3	2.4	84.3	4.0	1.7	90.1	37.0

Table 2.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1973

(Net company interest basis)							
Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate	Mil. bbl....	2,643.1	1,413.6	509.0	147.2	64.1	78.2
From stripper well leases...	...do....	206.7	43.0	25.1	9.8	4.7	8.6
Lease condensate...	...do....	131.9	62.8	22.8	16.4	4.2	4.9
Natural gas...	Bil. cu. ft.	18,057.3	8,836.0	2,998.6	1,237.2	688.2	962.1
Lease revenues:							
Crude petroleum and condensate...	Mil. dol.	14,909.7	7,701.3	2,736.0	895.2	413.1	570.1
Crude petroleum...	...do....	10,345.6	5,632.7	1,941.9	573.6	248.9	309.0
Crude petroleum...	...do....	9,802.3	5,366.2	1,850.4	508.9	232.0	288.6
Lease condensate...	...do....	543.2	266.5	91.5	64.7	16.8	20.4
Natural gas...	...do....	4,058.8	1,944.6	671.6	296.2	147.0	247.0
Income received from oil and gas royalties...	...do....	438.7	112.2	107.7	21.1	16.6	12.0
Other lease revenues from producing operations...	...do....	66.6	11.9	14.9	4.3	0.6	2.1
Expenditures (capitalized and expensed):							
Exploration expenditures...	...do....	12,694.2	5,371.6	2,040.9	988.2	452.9	832.6
Drilling and equipping wells <sup>1</sup>	...do....	5,446.2	2,182.5	878.6	502.9	260.2	431.1
Dry holes...	...do....	944.2	212.0	90.7	39.5	52.7	113.2
Oil...	...do....	557.7	146.9	66.5	21.9	27.5	61.0
Gas...	...do....	113.4	15.2	6.4	2.3	2.3	7.1
Gas...	...do....	194.1	24.4	17.8	6.9	8.7	31.6
Work-in-progress adjustment...	...do....	79.2	25.6	-0.1	8.4	14.1	13.5
Lease and land acquisitions of nonproducing acreage...	...do....	3,552.0	1,498.6	630.6	401.6	178.3	263.0
Land department, leasing and scouting...	...do....	76.5	24.6	14.9	11.8	4.4	2.2
Geological and geophysical...	...do....	399.5	242.1	66.8	24.9	10.9	18.5
Lease rents...	...do....	150.7	61.5	19.0	9.1	5.6	12.1
Test hole contributions...	...do....	13.8	8.2	1.4	0.4	0.3	0.6
Other exploration expenditures, including direct overhead...	...do....	106.0	37.3	22.3	7.0	2.8	13.1
General and administrative overhead not reported elsewhere...	...do....	203.6	98.2	32.8	8.6	5.3	8.4
Development expenditures...	...do....	3,039.3	1,239.9	424.4	236.5	94.1	228.4
Drilling and equipping wells <sup>1</sup>	...do....	1,766.8	709.9	204.7	143.6	60.8	110.7
Dry holes...	...do....	225.7	88.5	26.4	18.1	8.3	10.3
Oil...	...do....	788.1	369.6	78.5	59.7	18.2	18.2
Gas...	...do....	623.6	176.8	70.1	59.0	38.7	58.9
Work-in-progress adjustment...	...do....	129.5	74.9	29.7	6.7	-4.4	23.3
Lease equipment...	...do....	572.2	254.7	84.3	67.3	16.5	22.6
Lease and land acquisitions of producing acreage...	...do....	183.1	42.1	40.2	0.5	2.1	34.8
Other development expenditures, including direct overhead...	...do....	352.5	166.3	76.4	17.2	9.9	52.3
General and administrative overhead not reported elsewhere...	...do....	164.6	66.9	18.8	7.9	4.8	8.0
Production expenditures...	...do....	4,208.5	1,949.2	737.9	248.8	98.6	173.1
Direct operating expenditures	...do....	2,593.6	1,151.4	442.7	179.4	63.5	104.7
Operating and maintenance	...do....	2,071.2	844.2	366.8	145.3	55.1	94.6
Workovers...	...do....	341.6	201.3	56.4	15.6	5.6	8.4
Other direct expenses...	...do....	180.7	105.9	19.5	18.4	2.8	1.8
Indirect operating expenditures...	...do....	1,615.0	797.8	295.2	69.4	35.1	68.4
Taxes (excluding income taxes)...	...do....	924.6	498.7	176.6	50.1	24.1	36.7
General and administration overhead...	...do....	496.8	210.9	73.6	16.0	7.3	22.3
Other indirect expenses...	...do....	193.5	88.1	45.1	3.3	3.6	9.4
Gross book value of fixed assets:							
Oil and gas field properties...	...do....	55,468.7	26,574.3	9,423.1	4,279.4	1,857.2	3,195.0
Nonproducing properties...	...do....	54,441.1	26,189.6	9,258.8	4,202.8	1,846.1	3,154.0
Producing properties...	...do....	8,871.0	4,017.4	1,552.0	757.9	279.1	611.4
Work-in-progress...	...do....	44,237.1	21,708.3	7,565.8	3,259.0	1,531.9	2,225.9
Buildings, other structures, and machinery...	...do....	1,332.9	463.8	141.0	185.9	35.1	316.7
Buildings, other structures, and machinery...	...do....	1,027.5	384.7	164.3	76.6	11.1	41.0

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 2.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)									
Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate	Mill. bbl....	2,212.1	45.8	46.8	2,304.6	45.7	27.0	2,377.3	265.8
From stripper well leases...	....do....	91.1	3.2	4.8	99.2	7.8	5.4	112.4	94.4
Lease condensate.....	....do....	111.2	3.6	3.5	118.4	2.4	1.3	122.0	10.0
Natural gas.....	Bil. cu. ft.	14,722.1	574.7	478.8	15,775.5	336.0	184.6	16,296.1	1,761.2
Lease revenues:									
Crude petroleum and condensate	Mill. dol....	12,315.7	327.2	323.0	12,965.8	280.4	156.5	13,402.8	1,507.0
Crude petroleum.....	....do....	8,706.1	170.7	188.7	9,065.4	187.9	104.7	9,357.9	987.6
Lease condensate.....	....do....	8,246.2	155.3	174.1	8,575.6	177.2	99.3	8,852.2	950.1
Natural gas.....	....do....	459.9	15.3	14.6	489.8	10.7	5.3	505.8	37.4
Income received from oil and gas royalties.....	....do....	3,306.3	129.1	114.4	3,549.8	76.1	41.6	3,667.6	391.2
Other lease revenues from producing operations.....	....do....	269.5	26.4	17.0	312.9	8.5	9.4	330.8	107.9
Expenditures (capitalized and expensed).....	....do....	33.8	1.0	2.9	37.7	8.0	0.8	46.5	20.1
Exploration expenditures.....	....do....	9,686.1	401.7	403.0	10,490.8	284.0	157.6	10,932.4	1,761.8
Drilling and equipping wells <sup>1</sup>	....do....	4,255.2	212.9	204.3	4,672.4	89.4	52.4	4,814.2	632.0
Dry holes.....	....do....	508.0	15.7	58.7	612.4	36.3	28.6	677.3	267.0
Oil.....	....do....	323.7	27.1	34.8	385.7	20.4	12.1	418.2	139.6
Gas.....	....do....	33.4	3.2	11.8	48.5	8.7	6.2	63.4	50.0
Work-in-progress adjustment.....	....do....	89.4	13.5	10.7	113.5	7.3	10.4	131.3	62.8
Lease and land acquisitions of nonproducing acreage.....	....do....	61.5	1.9	1.4	64.7	-0.1	-0.2	64.5	14.7
Land department, leasing and scouting.....	....do....	2,972.1	135.7	114.2	3,222.1	36.7	11.3	3,270.1	282.0
Geological and geophysical.....	....do....	58.0	3.5	2.7	64.2	2.3	1.9	68.3	8.1
Lease rents.....	....do....	363.1	9.9	8.9	382.0	4.0	2.1	388.1	11.5
Test hole contributions.....	....do....	107.3	7.4	7.4	122.1	4.5	2.2	128.9	21.9
Other exploration expenditures, including direct overhead.....	....do....	10.9	0.3	0.4	11.6	0.1	1.2	12.9	0.9
General and administrative overhead not reported elsewhere.....	....do....	82.5	6.1	3.4	92.0	2.0	1.2	95.2	10.9
Development expenditures.....	....do....	153.3	4.3	8.6	166.2	3.6	3.8	173.6	30.0
Drilling and equipping wells <sup>1</sup>	....do....	2,223.3	95.6	113.4	2,432.3	108.0	42.0	2,582.3	457.1
Dry holes.....	....do....	1,229.6	56.3	71.3	1,357.3	66.6	25.2	1,449.1	317.7
Oil.....	....do....	151.7	8.0	14.0	173.7	6.4	5.2	185.2	40.4
Gas.....	....do....	544.2	19.7	34.3	598.2	39.3	6.8	644.3	143.9
Work-in-progress adjustment.....	....do....	403.5	33.3	28.0	464.8	16.5	12.4	493.8	129.8
Lease equipment.....	....do....	130.2	-4.7	-4.9	120.6	4.4	0.8	125.8	3.7
Lease and land acquisitions of producing acreage.....	....do....	445.3	16.9	14.6	476.9	21.7	8.5	507.2	65.0
Other development expenditures, including direct overhead.....	....do....	119.7	13.1	16.7	149.5	10.3	3.7	163.5	19.6
General and administrative overhead not reported elsewhere.....	....do....	322.2	4.6	3.8	330.7	3.6	0.6	334.9	17.6
Production expenditures.....	....do....	106.4	4.6	6.9	117.9	5.7	3.9	127.5	37.1
Direct operating expenditures	....do....	3,207.6	93.2	85.4	3,386.2	86.7	63.1	3,535.9	672.6
Operating and maintenance.....	....do....	1,941.7	48.6	57.8	2,048.0	58.5	37.6	2,144.1	449.5
Workovers.....	....do....	1,505.9	38.5	50.7	1,595.2	49.1	34.3	1,678.6	392.6
Other direct expenses.....	....do....	287.4	4.5	4.9	296.8	4.3	2.1	303.2	38.5
Indirect operating expenditures.....	....do....	148.4	5.5	2.2	156.0	5.1	1.1	162.3	18.5
Taxes (excluding income taxes).....	....do....	1,266.0	44.7	27.6	1,338.2	28.2	25.5	1,392.0	223.0
General and administration overhead.....	....do....	786.2	21.7	15.7	823.7	13.2	13.2	850.1	74.5
Other indirect expenses.....	....do....	330.2	14.3	9.9	354.3	11.1	10.1	375.6	121.2
Gross book value of fixed assets.....	....do....	149.6	8.6	2.0	160.2	3.8	2.2	166.2	27.3
Oil and gas field properties.....	....do....	45,329.1	1,635.7	1,575.5	48,540.2	977.1	477.5	49,994.8	5,473.8
Nonproducing properties.....	....do....	44,651.3	1,589.0	1,537.8	47,778.0	938.9	457.5	49,174.5	5,266.6
Producing properties.....	....do....	7,217.7	293.0	401.9	7,912.7	134.6	54.6	8,101.9	769.1
Work-in-progress.....	....do....	36,290.9	1,260.0	1,119.3	38,670.3	787.0	397.3	39,854.6	4,382.5
Buildings, other structures, and machinery.....	....do....	1,142.6	35.9	16.4	1,195.0	17.3	5.6	1,217.9	115.0
	....do....	677.8	46.7	37.7	762.2	38.1	20.0	820.3	207.2

Table 3.--DETAILED STATISTICS BY GEOGRAPHICAL AREA: 1973

(Net company interest basis)						
Item	Unit of measure	Total United States	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
Sales volumes:						
Crude petroleum and condensate	Mil. bbl...	2,643.1	8.9	55.7	2,200.5	378.0
From stripper well leases...	....do....	206.7	-	0.6	204.2	1.9
Lease condensate.....	....do....	131.0	-	0.1	99.8	32.0
Natural gas.....	Bil cu. ft.	18,057.3	114.5		14,881.7	3,061.1
Lease revenues:						
Crude petroleum and condensate.....	Mil. dol...	14,909.7	243.8		12,385.2	2,280.7
Crude petroleum.....	....do....	10,345.6	36.1	190.1	8,587.4	1,532.0
Crude petroleum.....	....do....	9,802.3	36.1	189.8	8,183.7	1,392.7
Lease condensate.....	....do....	543.2	(Z)	0.3	403.6	139.3
Natural gas.....	....do....	4,058.8	16.8		3,302.2	739.8
Income received from oil and gas royalties ..	....do....	438.7	0.3		430.5	7.9
Other lease revenues from producing operations.....	....do....	66.6	0.5		65.1	1.0
Expenditures (capitalized and expensed):						
Exploration expenditures.....	....do....	12,694.2	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup>	....do....	5,446.2	(X)	(X)	(X)	(X)
Dry holes.....	....do....	944.2	12.8	(Z)	712.0	219.4
Oil .....	....do....	557.7	15.6	-	384.1	158.0
Gas.....	....do....	113.4	1.5	(Z)	91.3	20.5
Work-in-progress adjustment.....	....do....	194.1	0.2	-	161.2	32.7
Lease and land acquisitions of nonproducing acreage....	....do....	79.2	-4.5	-	75.5	8.1
Land department, leasing and scouting.....	....do....	3,552.0	6.7	23.5	420.2	3,101.6
Geological and geophysical ..	....do....	76.5	1.1	0.1	71.7	3.6
Lease rents.....	....do....	399.5	11.3	12.7	298.2	77.3
Test hole contributions.....	....do....	150.7	3.2	0.1	137.3	10.1
Other exploration expenditures, including direct overhead.....	....do....	13.8	(Z)	-	13.2	0.6
General and administrative overhead not reported elsewhere.....	....do....	106.0	(X)	(X)	(X)	(X)
Development expenditures.....	....do....	203.6	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup>	....do....	3,039.3	(X)	(X)	(X)	(X)
Dry holes.....	....do....	1,766.8	19.7	9.4	1,326.0	411.7
Oil .....	....do....	225.7	0.3	0.9	173.2	51.3
Gas.....	....do....	788.1	2.4	8.4	611.4	165.9
Work-in-progress adjustment.....	....do....	623.6	1.3	-	478.2	144.1
Lease equipment.....	....do....	129.5	15.8	0.1	63.2	50.4
Lease and land acquisitions of producing acreage....	....do....	572.2	7.4	3.5	410.8	150.5
Other development expenditures, including direct overhead.....	....do....	183.1	-	-	172.8	10.3
General and administrative overhead not reported elsewhere.....	....do....	352.5	(X)	(X)	(X)	(X)
Production expenditures.....	....do....	164.6	(X)	(X)	(X)	(X)
Direct operating expenditures	....do....	4,208.5	(X)	(X)	(X)	(X)
Operating and maintenance ..	....do....	2,593.6	14.7	32.5	2,180.3	366.1
Workovers.....	....do....	2,071.2	12.8	26.6	1,771.8	260.0
Other direct expenses.....	....do....	341.6	0.4	2.9	270.4	67.9
Indirect operating expenditures.....	....do....	180.7	1.4	2.9	138.0	38.4
Taxes (excluding income taxes).....	....do....	1,615.0	(X)	(X)	(X)	(X)
General and administration overhead.....	....do....	924.6	4.1	9.1	856.9	54.5
Other indirect expenses ..	....do....	496.8	(X)	(X)	(X)	(X)
Gross book value of fixed assets.....	....do....	193.5	5.5	-0.3	170.9	17.4
Oil and gas field properties ..	....do....	55,468.7	1,309.5	639.0	38,604.7	14,915.5
Nonproducing properties ..	....do....	54,441.1	1,277.4	615.2	37,713.5	14,835.0
Producing properties.....	....do....	8,871.0	671.0	56.1	2,514.7	5,629.2
Work-in-progress.....	....do....	44,237.1	323.6	553.0	34,514.2	8,846.3
Buildings, other structures, and machinery.....	....do....	1,332.9	282.8	6.0	684.6	359.5
	....do....	1,027.5	32.1	23.8	891.1	80.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(X) Not applicable.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.



Table 4.--DETAILED STATISTICS BY LEASE CLASSIFICATION AND BY OPERATOR: 1973

(Net company interest basis)							
Item	Unit of measure	Total United States	Lease classification			Operator	
			Oil leases	Gas leases	Combined leases	Owner operated properties <sup>1</sup>	Non-owner operated properties <sup>2</sup>
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,643.1	1,916.8	89.2	637.0	1,982.2	660.9
From stripper well leases...	do.....	206.7	164.0	8.1	34.6	170.8	35.9
Lease condensate.....	do.....	131.9	(X)	89.2	42.7	93.9	38.0
Natural gas.....	Bil cu. ft	18,057.3	1,878.0	11,398.9	4,780.4	13,489.2	4,568.1
Lease revenues:							
Crude petroleum and condensate	Mil. dol...	14,909.7	(X)	(X)	(X)	10,804.5	4,105.1
Lease condensate.....	do.....	10,345.6	7,472.3	367.1	2,506.1	7,761.7	2,583.7
Crude petroleum.....	do.....	9,802.3	7,472.3	(X)	2,330.0	7,365.4	2,436.8
Lease condensate.....	do.....	543.2	(X)	367.1	176.1	396.2	146.9
Natural gas.....	do.....	4,058.8	407.0	2,601.6	1,050.2	2,988.4	1,070.5
Income received from oil and gas royalties.....	do.....	438.7	(X)	(X)	(X)	(X)	438.7
Other lease revenues from producing operations.....	do.....	66.6	(X)	(X)	(X)	54.4	12.2
Expenditures (capitalized and expensed):							
Exploration expenditures.....	do.....	12,694.2	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>3</sup>	do.....	5,446.2	(X)	(X)	(X)	(X)	(X)
Dry holes.....	do.....	944.2	<sup>4</sup> 265.6	<sup>4</sup> 418.0	<sup>4</sup> 126.8	634.9	309.4
Oil.....	do.....	557.7	<sup>4</sup> 161.2	<sup>4</sup> 203.7	<sup>4</sup> 78.7	381.6	176.1
Gas.....	do.....	113.4	96.6	(X)	16.7	76.7	36.7
Work-in-progress adjustment.....	do.....	194.1	(X)	162.8	31.3	118.5	75.6
Lease and land acquisitions of nonproducing acreage.....	do.....	79.2	<sup>4</sup> 7.8	<sup>4</sup> 51.5	<sup>4</sup> 0.1	56.1	21.0
Land department, leasing and scouting.....	do.....	3,552.0	(X)	(X)	(X)	(X)	(X)
Geological and geophysical.....	do.....	76.5	(X)	(X)	(X)	(X)	(X)
Lease rents.....	do.....	399.5	(X)	(X)	(X)	(X)	(X)
Test hole contributions.....	do.....	150.7	(X)	(X)	(X)	(X)	(X)
Other exploration expenditures, including direct overhead.....	do.....	13.8	(X)	(X)	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	do.....	106.0	(X)	(X)	(X)	(X)	(X)
Development expenditures.....	do.....	203.6	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>3</sup>	do.....	3,039.3	(X)	(X)	(X)	(X)	(X)
Dry holes.....	do.....	1,766.8	740.9	691.3	334.7	1,320.7	446.2
Oil.....	do.....	225.7	76.5	108.6	40.4	171.8	53.9
Gas.....	do.....	788.1	603.0	(X)	185.2	614.5	173.5
Work-in-progress adjustment.....	do.....	623.6	(X)	531.2	92.4	446.2	177.4
Lease equipment.....	do.....	129.5	61.4	51.5	16.7	88.1	41.3
Lease and land acquisitions of producing acreage.....	do.....	572.2	(X)	(X)	(X)	806.8	301.0
Other development expenditures, including direct overhead.....	do.....	183.1	(X)	(X)	(X)		
General and administrative overhead not reported elsewhere.....	do.....	352.5	(X)	(X)	(X)		
Production expenditures.....	do.....	164.6	(X)	(X)	(X)	(X)	(X)
Direct operating expenditures	do.....	4,208.5	(X)	(X)	(X)	(X)	(X)
Operating and maintenance.....	do.....	2,593.6	1,668.5	415.5	509.5	2,003.7	589.9
Workovers.....	do.....	2,071.2	1,368.1	321.9	381.2	(X)	(X)
Other direct expenses.....	do.....	341.6	182.0	60.8	98.8	(X)	(X)
Indirect operating expenditures.....	do.....	180.7	118.4	32.8	29.5	(X)	(X)
Taxes (excluding income taxes).....	do.....	1,615.0	(X)	(X)	(X)	(X)	(X)
General and administration overhead.....	do.....	924.6	(X)	(X)	(X)	(NA)	(NA)
Other indirect expenses ..	do.....	496.8	(X)	(X)	(X)	(X)	(X)
Gross book value of fixed assets.....	do.....	193.5	(X)	(X)	(X)	155.0	38.5
Oil and gas field properties.....	do.....	55,468.7	(X)	(X)	(X)	(X)	(X)
Nonproducing properties.....	do.....	54,441.1	(X)	(X)	(X)	(X)	(X)
Producing properties.....	do.....	8,871.0	(X)	(X)	(X)	(X)	(X)
Work-in-progress.....	do.....	44,237.1	(X)	(X)	(X)	(X)	(X)
Buildings, other structures, and machinery.....	do.....	1,332.9	(X)	(X)	(X)	(X)	(X)
	do.....	1,027.5	(X)	(X)	(X)	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available. (X) Not applicable.

<sup>1</sup>Represents the net company interest share of properties for which the reporting company is also the operator.

<sup>2</sup>Represents the net company interest share of properties which are not operated by the reporting company.

<sup>3</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

<sup>4</sup>The detail does not add to the total since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

Table 5 --DETAILED STATISTICS GROUPED BY THE RATIO OF NET OIL AND GAS REVENUES TO GROSS BOOK VALUE OF FIXED ASSETS: 1973

(Net company interest basis)												
Item	Unit of Measure	Total United States	Companies grouped by the ratio of net oil and gas revenues <sup>1</sup> to gross book value of fixed assets									
			.000 or negative	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.449	.450 and over
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,643.1	19.1	124.5	308.9	1,050.9	487.3	99.1	431.8	22.9	17.4	81.2
From stripper well leases...	.....do.....	206.7	8.2	33.5	23.5	54.4	19.8	5.3	36.5	6.8	3.5	15.2
Lease condensate...	.....do.....	131.9	0.4	10.0	16.2	52.7	23.2	1.9	21.8	0.3	0.8	4.7
Natural gas...	Bil. cu. ft.	18,057.3	139.5	1,761.4	1,981.9	6,642.3	3,235.6	331.3	3,242.5	72.2	103.9	546.6
Lease revenues	Mil. dol.	14,909.7	139.2	929.3	1,767.5	5,678.8	2,766.3	469.2	2,489.1	107.7	102.7	459.8
Crude petroleum and condensate...	.....do.....	10,345.6	76.2	466.2	1,190.2	4,091.8	1,966.0	369.7	1,700.8	89.0	73.1	322.6
Crude petroleum...	.....do.....	9,802.3	74.8	425.7	1,124.5	3,875.3	1,866.1	362.6	1,610.6	88.0	69.0	305.8
Lease condensate...	.....do.....	543.2	1.4	40.5	65.6	216.5	99.9	7.1	90.2	1.1	4.1	16.8
Natural gas...	.....do.....	4,058.8	24.9	386.1	517.9	1,468.9	733.3	89.1	678.4	16.0	23.7	120.5
Income received from oil and gas royalties...	.....do.....	438.7	29.8	67.7	52.5	94.1	54.7	9.7	107.5	2.2	5.0	15.5
Other lease revenues from producing operations...	.....do.....	66.6	8.2	9.3	7.0	24.0	12.4	0.8	2.3	0.6	0.9	1.2
Expenditures (capitalized and expensed)	.....do.....	12,694.2	435.9	1,470.7	2,013.6	4,465.0	2,009.7	310.3	1,494.7	83.9	92.4	317.9
Exploration expenditures...	.....do.....	5,446.2	193.9	720.9	1,004.0	1,879.7	711.6	112.7	655.9	32.8	34.8	99.9
Drilling and equipping wells <sup>2</sup>	.....do.....	944.2	13.1	229.2	182.5	184.7	135.1	27.2	67.2	20.6	22.1	62.5
Dry holes...	.....do.....	557.7	9.6	110.6	109.4	140.1	72.0	19.7	42.9	9.9	12.0	31.7
Oil...	.....do.....	113.4	1.2	18.9	21.3	15.2	13.5	4.4	7.0	8.3	4.0	19.5
Gas...	.....do.....	194.1	3.9	67.2	38.8	30.2	20.8	6.8	8.4	1.0	5.3	11.8
Work-in-progress adjustment...	.....do.....	79.2	-1.6	32.6	13.1	-0.7	28.8	-3.6	8.9	1.3	0.8	-0.4
Lease and land acquisitions of nonproducing acreage...	.....do.....	3,552.0	171.5	405.3	685.8	1,365.8	351.9	59.2	484.4	6.7	6.5	15.0
Land department, leasing and scouting...	.....do.....	76.5	0.6	13.9	8.9	26.6	9.6	3.1	10.2	0.7	0.7	2.1
Geological and geophysical...	.....do.....	399.5	1.6	24.2	52.6	161.8	105.5	5.9	43.4	0.6	1.0	2.9
Lease rents...	.....do.....	150.7	2.3	19.0	22.9	40.8	40.3	2.7	12.5	2.2	1.0	7.0
Test hole contributions...	.....do.....	13.8	0.2	1.0	0.7	4.7	5.6	0.1	1.1	0.1	0.1	0.3
Other exploration expenditures, including direct overhead...	.....do.....	106.0	1.2	8.2	26.0	36.3	12.3	2.3	16.4	1.2	1.5	1.8
General and administrative overhead not reported elsewhere...	.....do.....	203.6	3.7	20.2	24.6	59.0	51.3	12.2	20.6	1.9	1.9	8.3
Development expenditures...	.....do.....	3,039.3	91.7	383.4	475.1	1,049.8	560.3	75.7	257.1	18.8	23.7	103.7
Drilling and equipping wells <sup>2</sup>	.....do.....	1,766.8	59.0	228.9	299.4	576.2	347.7	37.5	115.6	9.1	13.8	79.6
Dry holes...	.....do.....	225.7	1.9	39.3	28.8	72.6	35.6	4.4	21.7	1.4	4.0	16.1
Oil...	.....do.....	788.1	27.1	50.7	123.7	271.0	191.7	18.6	55.7	6.8	5.9	36.9
Gas...	.....do.....	623.6	27.6	123.0	125.3	171.6	90.0	10.6	43.9	1.3	4.4	26.0
Work-in-progress adjustment...	.....do.....	129.5	2.3	15.9	21.7	61.1	30.4	3.9	-5.6	-0.3	-0.6	0.7
Lease equipment...	.....do.....	572.2	14.2	61.0	85.3	186.4	121.9	11.3	71.8	7.7	3.0	9.6
Lease and land acquisitions of producing acreage...	.....do.....	183.1	0.5	26.7	36.4	93.1	9.1	7.0	4.0	0.3	5.3	0.9
Other development expenditures, including direct overhead...	.....do.....	352.5	2.5	53.9	32.7	133.2	64.5	16.5	44.5	0.5	0.8	3.4
General and administrative overhead not reported elsewhere...	.....do.....	164.6	15.5	13.0	21.2	60.9	17.2	3.4	21.1	1.2	0.9	10.1
Production expenditures...	.....do.....	4,208.5	150.3	366.4	534.4	1,535.5	737.8	121.9	581.7	32.4	33.8	114.3
Direct operating expenditures	.....do.....	2,593.6	88.9	224.8	369.0	974.3	477.0	72.0	266.9	21.8	22.5	76.3
Operating and maintenance workovers...	.....do.....	2,071.2	76.2	191.2	292.7	770.5	361.2	56.7	218.5	20.1	19.3	64.8
Other direct expenses...	.....do.....	341.6	7.7	17.2	40.1	132.8	70.3	5.2	47.6	1.1	1.7	8.0
Indirect operating expenditures...	.....do.....	180.7	5.0	16.5	36.2	61.0	45.1	10.1	0.8	0.5	1.6	3.5
Taxes (excluding income taxes)...	.....do.....	1,615.0	61.7	141.2	165.5	561.2	260.8	49.9	314.8	10.6	11.3	38.0
General and administration overhead...	.....do.....	924.6	22.7	46.5	108.1	367.9	158.7	25.4	169.2	6.0	5.5	14.5
Other indirect expenses...	.....do.....	496.8	32.1	67.6	45.7	177.9	78.1	15.1	51.6	4.3	5.2	19.3
Gross book value of fixed assets...	.....do.....	193.5	7.0	27.0	11.7	15.5	24.0	9.3	94.0	0.2	0.6	4.3
Oil and gas field properties...	.....do.....	55,468.7	1,200.8	6,938.1	9,048.7	22,068.5	8,569.9	1,300.5	5,610.8	196.8	148.0	386.5
Nonproducing properties...	.....do.....	54,441.1	1,157.5	6,833.8	8,876.2	21,721.7	8,420.5	1,265.1	5,485.6	185.2	139.6	356.1
Producing properties...	.....do.....	8,871.0	338.8	1,066.5	1,537.6	3,642.4	1,097.2	168.0	939.5	16.9	9.0	55.2
Work-in-progress...	.....do.....	44,237.1	792.9	5,234.3	7,157.2	17,784.6	7,145.4	1,087.3	4,449.8	166.8	129.5	289.3
Buildings, other structures, and machinery...	.....do.....	1,332.9	25.8	533.0	181.4	294.7	177.8	9.8	96.3	1.5	1.1	11.6
	.....do.....	1,027.5	43.3	104.4	172.4	346.6	149.4	35.4	125.3	11.7	8.5	30.5

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup> Less than half of the unit of measurement shown (under \$50,000).<sup>2</sup> Net oil and gas revenues equal crude petroleum and lease condensate plus natural gas revenues minus production expenditures. Note that no deductions have been made for income taxes or depreciation, depletion, and amortization.<sup>3</sup> Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 6.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPENDITURES TO TOTAL REVENUES: 1973

(Net company interest basis)												
Item	Unit of measure	Total United States	Companies grouped by total expenditures to total revenues									
			.000-.399	400-.599	600-.649	.650-.699	.700-.799	800-.899	.900-1.099	1 100-1.399	1 400-1 799	1,800 and over
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,643.1	58.1	396.6	722.5	260.6	587.1	43.5	365.0	88.7	41.7	79.5
From stripper well leases...	....do....	206.7	8.0	20.6	40.7	18.0	31.5	11.5	38.0	17.1	8.9	12.4
Lease condensate.....	....do....	131.9	1.6	13.3	40.6	7.8	29.0	2.7	19.6	7.7	2.9	6.6
Natural gas.....	Bil cu. ft	18,057.3	357.8	1,905.3	5,483.5	1,199.6	3,535.3	282.2	2,474.3	822.6	747.5	1,249.2
Lease revenues:												
Crude petroleum and condensate	Mil. dol...	14,909.7	317.4	2,152.5	4,086.5	1,329.3	3,204.5	244.0	1,999.1	563.3	337.2	675.8
Crude petroleum and condensate	....do....	10,345.6	226.6	1,561.6	2,863.7	1,006.1	2,326.2	170.2	1,365.0	339.8	157.6	328.9
Crude petroleum.....	....do....	9,802.3	219.8	1,503.6	2,697.4	974.2	2,208.0	159.1	1,288.0	308.2	145.9	298.1
Lease condensate.....	....do....	543.2	6.8	58.0	166.3	31.9	118.1	11.1	76.9	31.6	11.7	30.7
Natural gas.....	....do....	4,058.8	70.1	448.9	1,157.9	290.3	786.9	64.4	575.4	173.9	163.0	328.0
Income received from oil and gas royalties.....	....do....	438.7	20.4	130.9	62.3	27.5	76.4	8.1	45.8	42.1	11.0	14.0
Other lease revenues from producing operations.....	....do....	66.6	0.5	11.3	2.5	5.4	15.1	0.8	12.9	7.6	5.6	5.0
Expenditures (capitalized and expensed):												
Exploration expenditures.....	....do....	12,694.2	97.3	1,218.5	2,525.9	915.5	2,377.8	206.7	2,079.7	698.0	554.1	2,020.7
Drilling and equipping wells	....do....	5,446.2	15.8	322.0	920.7	339.9	950.6	59.7	1,067.3	292.3	283.3	1,194.7
Dry holes.....	....do....	944.2	9.7	71.8	109.0	40.6	144.2	29.5	127.4	71.6	88.6	252.0
Oil.....	....do....	557.7	3.9	54.7	65.2	39.8	86.3	12.7	81.0	35.9	35.7	142.5
Gas.....	....do....	113.4	5.4	6.2	6.4	6.8	12.4	5.3	16.2	14.8	13.5	26.5
Work-in-progress adjustment.....	....do....	194.1	1.2	9.2	22.3	5.6	21.1	11.7	21.9	14.9	20.3	65.8
Lease and land acquisitions of nonproducing acreage.....	....do....	79.2	-0.8	1.7	15.0	-11.6	24.3	-0.2	8.5	6.1	19.0	17.3
Land department, leasing and scouting.....	....do....	3,552.0	2.5	116.2	635.7	212.0	588.7	14.0	806.6	169.5	150.7	856.1
Geological and geophysical.....	....do....	76.5	0.4	9.6	17.5	7.5	8.5	1.1	8.9	13.7	4.7	4.6
Lease rents.....	....do....	399.5	0.7	65.4	80.8	32.5	104.0	2.2	64.4	11.6	13.8	24.2
Test hole contributions.....	....do....	150.7	0.6	21.5	20.9	6.7	38.4	2.9	20.1	11.0	10.0	18.7
Other exploration expenditures, including direct overhead.....	....do....	13.8	0.1	0.9	1.9	0.1	6.3	0.1	3.3	0.5	0.2	0.5
General and administrative overhead not reported elsewhere.....	....do....	106.0	0.2	8.2	24.2	3.1	19.6	4.0	20.8	3.4	6.4	16.1
Development expenditures.....	....do....	203.6	1.6	28.5	30.6	37.6	40.8	6.0	15.8	11.2	8.9	22.6
Drilling and equipping wells	....do....	3,039.3	16.2	326.2	554.6	205.1	573.4	51.1	400.6	206.6	164.9	540.6
Dry holes.....	....do....	1,766.8	10.7	181.7	304.2	89.9	349.8	27.7	213.3	123.0	127.4	339.2
Oil.....	....do....	225.7	4.3	21.4	42.0	11.7	39.7	4.7	26.3	19.3	22.6	33.6
Gas.....	....do....	788.1	3.9	102.8	142.6	61.6	158.3	8.8	84.5	49.6	57.3	118.5
Work-in-progress adjustment.....	....do....	623.6	2.1	38.3	108.2	15.4	87.7	12.9	93.6	50.8	59.0	155.7
Lease equipment.....	....do....	129.5	0.4	19.1	11.4	1.2	64.1	1.4	8.9	3.1	-11.5	31.4
Lease and land acquisitions of producing acreage.....	....do....	572.2	2.8	45.4	116.1	58.3	135.9	10.0	69.4	54.7	12.3	67.5
Other development expenditures, including direct overhead.....	....do....	183.1	0.1	4.1	21.5	1.6	31.8	3.0	58.8	11.7	5.9	44.6
General and administrative overhead not reported elsewhere.....	....do....	352.5	0.5	80.5	80.8	30.8	41.0	5.0	41.1	4.5	11.3	57.1
Production expenditures.....	....do....	164.6	2.0	14.6	31.9	24.6	15.0	5.5	18.0	12.7	8.0	32.2
Direct operating expenditures	....do....	4,208.5	65.3	570.3	1,050.7	370.5	853.9	95.8	611.9	199.2	105.8	285.3
Operating and maintenance	....do....	2,593.6	50.9	390.4	555.4	224.9	535.5	57.7	414.4	135.7	59.6	169.1
Workovers.....	....do....	2,071.2	45.6	311.5	426.3	177.4	415.2	51.0	338.7	109.5	51.6	144.4
Other direct expenses.....	....do....	341.6	3.2	47.5	127.0	9.6	68.7	4.3	47.6	13.8	4.9	15.0
Indirect operating expenditures.....	....do....	180.7	2.1	31.4	2.2	37.8	51.5	2.4	28.1	12.4	3.1	9.7
Taxes (excluding income taxes).....	....do....	1,615.0	14.4	179.9	495.3	145.5	318.4	38.1	197.0	63.4	46.2	116.6
General and administration overhead.....	....do....	924.6	6.3	110.9	283.7	79.1	205.5	15.4	125.3	25.2	21.5	51.7
Other indirect expenses ..	....do....	496.8	7.3	60.2	119.5	56.1	84.7	18.5	56.5	33.8	20.4	39.8
Gross book value of fixed assets.....	....do....	193.5	0.8	8.9	92.0	10.3	28.3	4.2	15.1	4.5	4.3	25.1
Oil and gas field properties.....	....do....	55,468.7	937.5	6,671.3	12,059.6	4,503.4	12,339.1	735.6	8,316.5	3,070.4	1,705.3	5,129.9
Nonproducing properties.....	....do....	54,411.1	903.6	6,566.1	11,823.9	4,413.4	12,140.3	713.5	8,171.3	3,003.9	1,649.2	5,055.8
Producing properties.....	....do....	8,871.0	124.2	561.5	2,135.1	558.7	1,725.9	48.2	1,573.7	321.5	327.4	1,494.9
Work-in-progress.....	....do....	44,237.1	743.7	5,850.9	9,491.4	3,828.2	10,215.2	662.3	6,497.5	2,501.4	1,252.7	3,193.8
Buildings, other structures, and machinery.....	....do....	1,332.9	35.6	153.7	197.4	26.5	199.2	3.0	100.0	181.1	69.2	367.3
Buildings, other structures, and machinery.....	....do....	1,027.5	33.9	105.2	235.7	89.8	198.8	22.1	145.2	66.4	56.1	74.2

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment which may be negative is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 7 --DETAILED STATISTICS GROUPED BY OIL LEASE SPECIALIZATION RATIOS: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>									
			.000	.001-.099	100-.199	.200-.299	300-.399	.400-.499	.500-.599	.600-.699	.700-.799	.800-1.000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl.	2,643.1	44.3	11.6	129.8	28.7	615.7	427.9	792.8	321.8	270.6	
From stripper well leases	do.	206.7	13.5	1.4	8.7	3.9	29.8	28.3	31.0	13.1	76.9	
Lease condensate	do.	131.4	1.5	3.7	11.1	4.9	43.2	22.9	31.5	9.3	3.6	
Natural gas	Bil. cu. ft.	18,057.3	468.0	686.3	1,526.4	495.7	5,647.1	3,104.0	4,228.9	1,347.6	553.3	
Lease revenues	Mil. dol.	14,909.7	283.7	248.6	995.5	236.0	3,732.2	2,422.3	4,176.8	1,589.6	1,225.1	
Crude petroleum and condensate	do.	10,345.6	136.1	47.6	531.5	112.3	2,471.7	1,684.2	3,078.3	1,244.3	1,039.7	
Crude petroleum	do.	9,802.3	128.5	32.0	482.6	92.5	2,296.5	1,592.4	2,950.1	1,202.4	1,025.3	
Lease condensate	do.	543.2	7.5	15.6	48.9	19.8	175.1	91.8	128.2	42.0	14.3	
Natural gas	do.	4,058.8	124.6	196.3	363.4	114.1	1,157.6	670.1	1,002.3	310.8	119.7	
Income received from oil and gas royalties	do.	438.7	20.1	3.4	92.2	8.2	42.8	54.4	47.8	84.6	29.0	56.2
Other lease revenues from producing operations	do.	66.6	2.9	1.2	8.4	1.5	2.1	4.0	20.2	11.6	4.9	9.7
Expenditures (capitalized and expensed)	do.	12,694.2	586.4	396.7	1,208.2	255.4	1,060.7	1,640.8	2,005.9	3,249.0	1,054.0	1,237.1
Exploration expenditures	do.	5,446.2	362.1	229.6	726.0	104.1	298.3	765.5	934.1	1,375.0	333.7	317.8
Drilling and equipping wells <sup>2</sup>	do.	944.2	85.5	68.3	98.2	36.2	78.6	85.6	120.6	184.4	69.4	117.4
Dry holes	do.	557.7	42.3	28.7	55.4	24.6	38.7	51.1	74.1	126.1	50.6	66.1
Oil	do.	113.4	11.4	6.9	6.5	2.5	3.1	8.1	13.0	21.2	7.9	32.6
Gas	do.	194.1	21.0	16.7	32.4	11.5	23.9	14.0	21.6	31.0	9.8	12.1
Work-in-progress adjustment	do.	79.2	10.8	16.0	3.9	-2.4	12.9	12.4	11.9	6.3	1.0	6.6
Lease and land acquisitions of nonproducing acreage	do.	3,552.0	257.1	129.6	544.0	48.9	134.3	566.3	681.3	910.7	136.8	140.1
Land department, leasing and scouting	do.	76.5	1.8	2.7	5.4	2.0	8.3	16.1	8.2	17.1	8.1	6.7
Geological and geophysical	do.	399.5	3.9	11.8	33.4	7.7	43.8	46.0	56.1	129.3	52.6	14.9
Lease rents	do.	150.7	3.1	9.1	13.0	5.9	11.9	14.8	19.9	39.1	17.7	16.2
Test hole contributions	do.	13.8	1.2	0.1	0.7	0.2	0.9	1.3	1.9	5.9	0.7	0.8
Other exploration expenditures, including direct overhead	do.	106.0	2.2	2.3	16.0	0.7	6.4	17.3	20.4	22.2	9.5	9.1
General and administrative overhead not reported elsewhere	do.	203.6	7.4	5.7	15.2	2.4	14.1	18.1	22.7	66.3	39.1	12.6
Development expenditures	do.	3,039.3	110.4	105.1	245.5	80.0	324.0	321.6	429.3	752.7	254.7	416.2
Drilling and equipping wells <sup>2</sup>	do.	1,766.8	80.0	78.7	145.4	56.7	206.7	183.9	219.8	412.9	137.4	245.2
Dry holes	do.	225.7	9.7	14.7	17.6	6.9	64.1	64.1	29.5	45.4	16.4	21.5
Oil	do.	788.1	24.8	7.5	44.2	20.6	163.1	87.6	87.6	210.4	75.7	154.3
Gas	do.	623.6	47.2	65.6	74.9	36.4	153.6	70.7	105.7	24.7	44.6	
Work-in-progress adjustment	do.	129.5	-1.7	-9.1	8.6	-7.1	10.0	-0.1	31.9	51.4	20.6	24.8
Lease equipment	do.	572.2	15.7	15.9	43.4	13.1	51.1	75.1	97.8	176.4	29.0	54.8
Lease and land acquisitions of producing acreage	do.	183.1	1.8	2.7	28.2	2.9	15.3	3.2	12.8	54.4	1.9	29.9
Other development expenditures, including direct overhead	do.	352.5	4.2	2.0	12.8	3.8	75.2		42.5	77.6	69.7	64.9
General and administrative overhead not reported elsewhere	do.	164.6	8.7	5.8	15.8	3.5	34.9		26.2	31.4	16.8	21.5
Production expenditures	do.	4,208.5	113.9	62.1	236.7	71.4	438.5	553.6	642.6	1,121.3	465.6	502.9
Direct operating expenditures	do.	2,593.6	72.7	31.2	141.7	41.2	254.0	281.6	393.6	697.6	321.2	355.9
Operating and maintenance	do.	2,071.2	64.9	28.3	119.1	34.6	401.7	332.4	537.9	241.4	310.9	
Workovers	do.	341.6	6.3	2.3	10.6	4.0	120.4	34.8	97.1	37.5	28.6	
Other direct expenses	do.	180.7	1.6	0.6	12.0	2.6	16.5	26.3	62.6	42.2	16.4	
Indirect operating expenditures (excluding income taxes)	do.	1,615.0	41.2	30.9	95.0	30.2	184.5	269.0	249.1	423.7	144.5	147.0
General and administration overhead	do.	924.6	21.0	15.6	52.8	16.0	107.2	155.3	154.6	261.2	82.5	58.4
Other indirect expenses	do.	496.8	14.8	11.7	30.9	7.8	76.2	110.0	128.5	49.9	67.0	
Gross book value of fixed assets	do.	193.5	5.4	3.7	11.3	6.4	1.1	98.1	34.0	12.1	21.5	
Oil and gas field properties	do.	55,468.7	1,586.6	1,611.2	4,000.1	1,088.8	5,670.7	6,994.9	8,857.6	16,161.1	5,180.7	4,316.9
Nonproducing properties	do.	54,441.1	1,541.8	1,595.3	3,940.3	1,062.6	5,550.7	6,825.2	8,748.1	15,939.8	5,073.3	4,164.0
Producing properties	do.	8,871.0	508.2	274.2	925.2	195.3	1,147.6	1,136.3	1,498.1	2,352.2	487.9	346.0
Work-in-progress	do.	94,237.1	995.8	1,261.1	2,965.2	854.6	4,304.9	5,385.8	7,152.9	13,274.2	4,495.5	3,547.1
Buildings, other structures, and machinery	do.	1,332.9	37.8	59.9	50.0	12.7	98.2	303.2	97.1	313.3	89.8	271.0
	do.	1,027.5	44.9	15.9	59.8	26.2	119.9	169.6	109.4	221.4	107.4	152.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Oil lease specialization ratios were derived by dividing the sum of total liquid and gas revenues from oil leases by the sum of total liquid and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 8.--DETAILED STATISTICS GROUPED BY GAS LEASE SPECIALIZATION RATIOS: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size class <sup>1</sup>									
			.000- .049	.050- .099	.100- 149	.150- 199	.200- 249	.250- 299	.300- 349	.500- 699	.700- 899	.900- 1,000
<b>Sales volumes:</b>												
Crude petroleum and condensate	mil. bbl.	2,643.1	263.6	187.9	754.9	394.9	781.1	49.6	133.1	53.7	21.3	3.0
From stripper well leases...	do.	208.7	79.5	17.8	18.4	20.8	39.1	9.6	13.9	5.3	3.8	0.4
Lease condensate...	do.	131.9	4.3	6.9	28.6	18.2	39.8	4.6	11.9	10.8	5.3	1.6
Natural gas...	Bil. cu. ft.	18,057.3	504.9	858.6	3,732.3	2,165.9	5,754.3	527.3	1,665.6	1,295.6	1,146.0	497.0
<b>Lease revenues:</b>	mil. dol.	14,909.7	1,232.4	933.5	3,936.5	2,109.7	4,398.5	338.9	928.3	506.1	380.9	144.9
Crude petroleum and condensate...	do.	10,345.6	975.1	730.2	2,988.7	1,553.3	3,062.8	202.0	519.6	219.5	82.3	12.0
Crude petroleum...	do.	9,802.3	956.5	704.3	2,864.3	1,480.3	2,899.3	182.9	471.8	178.6	61.6	2.8
Lease condensate...	do.	543.2	18.7	25.9	124.3	73.0	163.5	19.2	47.8	40.9	20.6	9.2
Natural gas...	do.	4,058.8	128.1	174.2	870.8	487.3	1,249.1	122.2	347.9	268.9	281.1	129.3
Income received from oil and gas royalties...	do.	438.7	117.1	24.9	69.0	65.9	78.0	11.7	41.8	14.3	13.4	2.7
Other lease revenues from producing operations...	do.	66.6	12.2	4.2	8.1	3.2	8.6	2.9	19.0	3.3	4.1	1.0
<b>Expenditures (capitalized and expensed):</b>												
Exploration expenditures...	do.	12,694.2	1,273.6	891.9	2,693.2	1,509.0	3,402.4	471.8	1,001.1	677.5	573.5	200.2
Drilling and equipping wells <sup>2</sup>	do.	5,446.2	498.0	384.3	883.9	496.6	1,677.4	277.1	470.1	341.3	314.0	103.5
Dry holes...	do.	944.2	134.3	71.3	132.4	56.8	149.8	37.2	124.0	94.8	80.8	62.7
Oil...	do.	557.7	65.9	48.8	96.9	36.8	91.2	26.2	72.2	52.2	36.3	31.2
Gas...	do.	113.4	41.9	9.8	17.0	2.7	9.6	4.7	14.8	7.2	5.2	0.5
Work-in-progress adjustment...	do.	194.1	24.7	11.4	18.6	10.4	25.6	4.9	27.8	26.3	22.9	21.4
Lease and land acquisitions of nonproducing acreage...	do.	79.2	1.8	1.4	-0.1	6.9	23.5	1.5	9.3	9.1	16.4	9.5
Land department, leasing and scouting...	do.	3,552.0	306.1	234.2	487.8	356.3	1,268.2	221.5	268.3	190.6	186.3	32.6
Geological and geophysical...	do.	76.5	4.7	9.1	16.3	7.4	15.0	1.9	12.8	4.5	3.3	1.3
Lease rents...	do.	399.5	16.1	32.7	132.5	40.1	120.6	4.7	18.7	20.6	12.3	1.3
Test hole contributions...	do.	150.7	12.5	10.6	31.6	14.4	38.3	4.5	12.4	14.0	10.2	2.1
Other exploration expenditures, including direct overhead...	do.	13.8	1.8	0.8	1.2	1.3	7.0	0.3	0.6	0.6	0.1	-
General and administrative overhead not reported elsewhere...	do.	106.0	5.2	7.0	16.3	7.9	35.2	1.1	14.5	6.6	10.0	2.2
Development expenditures...	do.	203.6	17.4	18.6	65.7	12.5	43.1	5.9	18.6	9.5	11.0	1.3
Drilling and equipping wells <sup>2</sup>	do.	3,039.3	324.5	223.3	714.6	439.0	641.7	87.0	269.9	147.4	148.1	43.8
Dry holes...	do.	1,766.8	204.8	107.4	423.8	210.1	349.3	52.7	168.9	101.3	110.3	38.4
Oil...	do.	225.7	20.4	11.4	52.5	16.1	50.8	3.9	32.7	18.5	14.1	5.3
Gas...	do.	788.1	128.3	50.5	247.2	99.1	150.2	19.0	65.6	18.9	8.3	1.1
Work-in-progress adjustment...	do.	623.6	57.9	29.1	83.8	39.7	128.3	24.7	75.2	58.4	93.7	32.8
Lease equipment...	do.	129.5	-1.8	16.4	40.3	55.2	20.0	5.1	-4.6	5.5	-5.8	-0.8
Lease and land acquisitions of producing acreage...	do.	572.2	56.2	42.7	134.2	68.8	148.0	11.6	60.3	25.1	22.0	3.4
Other development expenditures, including direct overhead...	do.	183.1	27.9	27.2	13.0	34.2	37.1	11.4	17.9	11.8	2.0	0.5
General and administrative overhead not reported elsewhere...	do.	352.5	18.7	25.0	98.1	107.0	80.7	4.0	11.3	3.9	3.5	0.4
Production expenditures...	do.	164.6	16.9	21.1	45.6	18.8	26.8	7.3	11.5	5.4	10.3	1.0
Direct operating expenditures	do.	4,208.5	451.0	284.2	1,094.7	573.4	1,083.2	107.8	261.2	188.8	111.4	52.9
Operating and maintenance	do.	2,593.6	314.1	175.2	706.5	357.8	592.8	70.2	166.2	113.6	65.5	31.7
Workovers...	do.	2,071.2	275.1	143.6	489.4	322.9	461.4	63.4	134.6	98.8	52.9	29.1
Other direct expenses...	do.	341.6	24.2	13.4	128.3	34.4	106.3	5.1	15.5	6.9	5.6	1.9
Indirect operating expenditures...	do.	180.7	14.9	18.2	88.8	0.5	25.1	1.7	16.1	7.9	6.7	0.8
Taxes (excluding income taxes)	do.	1,615.0	137.3	109.1	387.8	215.6	490.4	37.5	95.0	75.2	45.9	21.2
General and administration overhead...	do.	924.6	58.0	54.8	238.0	134.5	292.8	19.4	48.3	43.9	22.2	12.7
Other indirect expenses...	do.	496.8	62.6	41.2	137.4	46.6	110.6	13.5	37.7	22.2	17.8	7.2
Gross book value of fixed assets...	do.	193.5	16.6	13.1	12.4	34.5	87.0	4.6	8.9	9.1	5.9	1.3
Oil and gas field properties...	do.	55,468.7	3,968.1	3,314.8	14,560.6	7,833.2	14,239.2	1,722.7	4,463.7	2,477.7	2,250.5	638.2
Nonproducing properties...	do.	54,441.1	3,821.4	3,228.7	14,302.4	7,759.5	14,014.0	1,686.9	4,377.3	2,407.5	2,215.5	628.0
Producing properties...	do.	8,871.0	602.6	554.7	2,000.2	1,134.7	2,521.7	356.0	552.6	542.6	456.9	149.1
Work-in-progress...	do.	44,237.1	3,182.2	2,641.4	12,052.1	6,298.6	11,218.0	1,311.1	3,592.2	1,779.8	1,709.8	452.0
Buildings, other structures, and machinery...	do.	1,332.9	36.6	32.6	250.0	326.3	274.3	19.8	232.5	85.2	48.8	26.8
	do.	1,027.5	146.8	86.0	258.2	73.7	225.3	35.8	86.4	70.2	34.9	10.2

Note: Detailed figures may not add to totals because of independent rounding. - Represents zero.

<sup>1</sup>Gas lease specialization ratios were derived by dividing the sum of total liquids and gas revenues from gas leases by the sum of total liquids and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 9.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE REVENUES TO TOTAL REVENUES: 1973

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			(Net company interest basis)				
			000	001-199	100-199	200-299	300-1,000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,643.1	181.1	292.3	998.5	398.2	470.0
From stripper well leases...	...do....	206.7	122.8	11.8	10.0	20.8	8.3
Lease condensate...	...do....	131.9	20.5	11.7	55.7	24.2	16.8
Natural gas...	Bil. cu. ft.	18,057.3	3,282.7	2,616.9	7,070.8	2,835.1	2,251.8
Lease revenues	Mil. dol...	14,909.7	2,788.4	1,836.1	5,603.1	2,273.0	2,408.8
Crude petroleum and condensate...	...do....	10,345.6	1,840.4	1,188.5	3,953.7	1,548.2	1,814.8
Crude petroleum...	...do....	9,802.3	1,759.5	1,127.6	3,722.6	1,151.2	1,741.4
Lease condensate...	...do....	543.2	80.9	60.9	231.1	97.0	73.3
Natural gas...	...do....	1,058.8	756.2	579.8	1,498.1	671.8	549.9
Income received from oil and gas royalties	...do....	138.7	159.7	65.7	133.7	43.0	36.6
Other lease revenues from producing operations...	...do....	66.6	31.0	2.1	17.6	7.1	7.6
Expenditures (capitalized and expensed)							
Exploration expenditures...	...do....	5,146.2	1,075.2	656.1	1,871.9	930.4	912.6
Drilling and equipping wells <sup>1</sup>	...do....	911.2	131.8	127.5	143.9	106.5	131.5
Dry holes	...do....	557.7	227.2	61.2	101.7	72.6	92.0
Oil	...do....	113.1	76.5	6.8	7.1	9.1	13.9
Gas	...do....	191.1	105.8	24.8	18.0	24.1	21.4
Work-in-progress adjustment	...do....	79.2	25.1	31.7	17.1	0.8	4.2
Lease and land acquisitions of nonproducing acreage...	...do....	3,552.0	365.9	184.9	1,151.8	659.4	587.0
Land department, leasing and scouting...	...do....	76.5	18.9	7.6	18.6	11.8	16.6
Geological and geophysical	...do....	399.5	39.7	59.7	139.1	71.8	89.2
Lease rents	...do....	150.7	11.5	27.3	35.8	20.3	25.8
Test hole contributions...	...do....	13.8	2.9	5.3	3.5	1.2	0.9
Other exploration expenditures, including direct overhead...	...do....	106.0	21.5	8.5	38.2	16.9	17.9
General and administrative overhead not reported elsewhere	...do....	293.6	17.1	35.1	38.0	39.1	43.7
Development expenditures...	...do....	3,039.3	874.1	371.3	875.9	448.1	469.6
Drilling and equipping wells <sup>1</sup>	...do....	1,766.8	539.5	215.2	176.7	248.6	286.8
Dry holes	...do....	225.7	67.8	27.8	70.0	22.6	37.5
Oil	...do....	788.1	243.7	86.3	116.1	129.0	81.4
Gas	...do....	623.6	208.0	92.2	151.5	90.5	81.4
Work-in-progress adjustment	...do....	129.5	20.0	9.0	42.6	19.1	38.8
Lease equipment	...do....	572.2	118.6	110.8	163.7	90.6	88.5
Lease and land acquisitions of producing acreage...	...do....	183.1	72.6	11.8	82.1	12.7	3.9
Other development expenditures, including direct overhead...	...do....	352.5	86.1	20.1	110.7	62.1	72.9
General and administrative overhead not reported elsewhere	...do....	164.6	56.9	13.1	12.7	34.4	17.5
Production expenditures...	...do....	4,208.5	1,071.7	193.3	1,392.9	590.1	660.5
Direct operating expenditures	...do....	2,593.6	701.8	245.5	814.0	373.9	458.4
Operating and maintenance	...do....	2,071.2	618.0	199.3	626.2	308.5	319.2
Workovers	...do....	341.6	52.2	10.0	161.5	26.0	61.9
Other direct expenses	...do....	180.7	31.6	6.2	26.3	39.3	77.3
Indirect operating expenditures	...do....	1,615.0	370.1	247.8	578.9	216.3	201.7
Taxes (excluding income taxes)	...do....	924.6	157.6	127.5	375.1	139.5	124.6
General and administration overhead	...do....	196.8	170.0	68.1	132.9	71.0	54.5
Other indirect expenses	...do....	193.5	42.8	51.9	70.5	5.7	22.6
Gross book value of fixed assets...	...do....	55,468.7	10,187.0	6,110.5	19,461.8	9,435.0	10,274.4
Oil and gas field properties	...do....	51,411.1	9,864.6	6,040.7	19,126.2	9,289.2	10,120.4
Nonproducing properties	...do....	8,871.0	1,223.7	1,122.2	3,618.9	1,409.8	1,496.4
Producing properties	...do....	44,237.1	8,223.8	1,773.3	15,238.9	7,707.2	8,293.9
Work-in-progress	...do....	1,432.9	417.3	145.1	268.3	172.1	330.1
Buildings, other structures, and machinery	...do....	1,027.5	322.3	69.8	335.6	145.8	154.0

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 10 --DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE EXPENDITURES TO TOTAL EXPENDITURES: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>				
			.000	.001-.149	.200-.399	.400-.599	.600 and over
Sales volumes:							
Crude petroleum and condensate	Mil. bbl.	2,643.1	111.9	56.3	865.1	1,101.1	205.8
From stripper well leases...	do.	206.7	113.8	7.6	23.2	47.8	14.2
Lease condensate.....	do.	131.9	17.4	3.8	43.7	50.9	16.2
Natural gas.....	Bil. cu. ft.	18,057.3	2,969.6	609.1	5,653.7	6,572.3	2,252.6
Lease revenues.....	Mil. dol.	14,909.7	2,433.3	375.4	4,833.0	5,897.9	1,370.1
Crude petroleum and condensate.....	do.	10,345.6	1,570.9	215.6	3,457.6	4,298.8	802.7
Crude petroleum.....	do.	9,802.3	1,502.8	199.1	3,273.7	4,089.1	737.6
Lease condensate.....	do.	543.2	67.9	16.6	183.9	209.7	65.2
Natural gas.....	do.	4,058.8	689.2	125.1	1,267.0	1,448.2	529.3
Income received from oil and gas royalties.....	do.	438.7	142.6	33.0	95.0	136.2	31.9
Other lease revenues from producing operations.....	do.	66.6	30.5	1.7	13.4	14.7	6.2
Expenditures (capitalized and expensed).....	do.	12,694.2	2,416.7	354.6	3,307.4	4,395.0	2,220.2
Exploration expenditures.....	do.	5,146.2	688.7	152.2	1,000.3	2,092.6	1,512.5
Drilling and equipping wells <sup>2</sup>	do.	944.2	371.5	72.5	187.1	202.2	111.0
Dry holes.....	do.	557.7	188.1	32.7	106.9	146.9	83.2
Oil.....	do.	113.4	75.1	4.1	9.0	16.7	8.5
Gas.....	do.	194.1	92.6	21.3	29.8	33.2	17.2
Work-in-progress adjustment.....	do.	79.2	15.8	14.5	41.4	5.3	2.1
Lease and land acquisitions of nonproducing acreage.....	do.	3,552.0	172.6	17.6	486.3	1,556.8	1,288.8
Land department, leasing and scouting.....	do.	76.5	16.2	4.0	18.5	25.9	11.9
Geological and geophysical.....	do.	399.5	26.9	11.1	156.1	159.6	45.9
Lease rents.....	do.	150.7	39.4	5.9	50.8	38.3	16.3
Test hole contributions.....	do.	13.8	2.5	0.5	6.6	3.1	1.1
Other exploration expenditures, including direct overhead.....	do.	106.0	16.5	5.4	23.3	38.9	21.9
General and administrative overhead not reported elsewhere.....	do.	203.6	43.3	5.2	71.6	67.9	15.7
Development expenditures.....	do.	3,039.3	778.3	80.4	946.1	872.9	361.5
Drilling and equipping wells <sup>2</sup>	do.	1,766.8	199.3	49.9	538.5	450.1	229.1
Dry holes.....	do.	225.7	61.2	7.2	67.5	59.1	30.6
Oil.....	do.	788.1	222.3	14.5	265.9	204.7	80.7
Gas.....	do.	623.6	195.4	28.7	164.9	122.1	112.6
Work-in-progress adjustment.....	do.	129.5	20.5	-0.5	40.2	64.2	5.2
Lease equipment.....	do.	572.2	108.2	10.2	194.1	174.2	85.6
Lease and land acquisitions of producing acreage.....	do.	183.1	39.7	8.4	45.2	85.0	4.8
Other development expenditures, including direct overhead.....	do.	352.5	75.4	8.6	134.8	110.4	23.3
General and administrative overhead not reported elsewhere.....	do.	164.6	55.7	3.3	33.5	53.2	18.8
Production expenditures.....	do.	4,208.5	949.7	122.0	1,361.0	1,429.6	346.2
Direct operating expenditures	do.	2,593.6	622.5	76.7	828.6	830.3	235.4
Operating and maintenance.....	do.	2,071.2	544.5	67.4	623.0	652.6	183.7
Workovers.....	do.	341.6	49.9	5.2	157.7	105.8	22.9
Other direct expenses.....	do.	180.7	28.2	4.1	47.8	71.9	28.7
Indirect operating expenditures.....	do.	1,615.0	327.2	45.3	532.4	599.3	110.8
Taxes (excluding income taxes).....	do.	924.6	135.9	22.5	313.1	381.0	72.1
General and administration overhead.....	do.	496.8	155.1	21.8	162.2	131.3	26.4
Other indirect expenses.....	do.	193.5	36.0	1.0	57.1	87.0	12.4
Gross book value of fixed assets.....	do.	55,468.7	8,712.4	1,683.9	16,406.6	21,163.6	7,502.2
Oil and gas field properties.....	do.	54,441.1	8,401.6	1,663.1	16,115.5	20,838.0	7,422.8
Nonproducing properties.....	do.	8,871.0	853.1	228.4	2,359.9	3,333.4	2,095.2
Producing properties.....	do.	44,237.1	7,176.8	1,395.2	13,390.1	17,206.0	5,069.0
Work-in-progress.....	do.	1,332.9	371.6	38.5	365.5	298.6	258.7
Buildings, other structures, and machinery.....	do.	1,027.5	310.7	20.8	291.1	325.5	79.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>This ratio was derived by dividing the sum of the expenditure detail collected for offshore areas by the sum of the comparable detail for all geographic areas.<sup>2</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 11.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE ASSETS TO TOTAL ASSETS: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			000	001-.099	.100-.199	.200-.299	300-1 000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,643.1	418.6	41.7	283.2	583.1	1,316.5
From stripper well leases...	do.....	206.7	112.9	5.5	16.3	17.8	54.2
Lease condensate.....	do.....	131.9	17.4	2.6	13.9	34.2	63.8
Natural gas.....	Bil. cu. ft.	18,057.3	2,764.5	725.4	2,021.6	3,921.7	8,624.1
Lease revenues.....	Mil. dol...	14,909.7	2,397.1	333.6	1,663.1	3,238.2	7,277.7
Crude petroleum and condensate.....	do.....	10,345.6	1,587.1	152.2	1,153.7	2,288.7	5,163.9
Crude petroleum.....	do.....	9,802.3	1,519.1	141.4	1,096.0	2,148.2	4,897.6
Lease condensate.....	do.....	543.2	67.9	10.8	57.7	140.5	266.3
Natural gas.....	do.....	4,058.8	638.4	146.9	459.8	883.6	1,929.1
Income received from oil and gas royalties.....	do.....	438.7	149.5	32.4	48.4	49.4	168.0
Other lease revenues from producing operations.....	do.....	66.6	30.1	2.1	1.3	16.4	16.7
Expenditures (capitalized and expensed).....	do.....	12,694.2	2,317.7	347.8	1,267.2	2,477.7	6,283.8
Exploration expenditures.....	do.....	5,446.2	660.2	162.9	470.7	931.1	3,221.3
Drilling and equipping wells <sup>1</sup>	do.....	944.2	373.8	63.5	83.3	110.3	313.3
Dry holes.....	do.....	557.7	189.3	22.8	51.8	81.3	212.5
Oil.....	do.....	113.4	73.9	3.2	4.3	9.3	22.7
Gas.....	do.....	194.1	89.4	18.7	16.5	20.9	48.6
Work-in-progress adjustment.....	do.....	79.2	21.2	18.8	10.7	-1.1	29.6
Lease and land acquisitions of nonproducing acreage.....	do.....	3,552.0	146.5	65.4	271.2	625.5	2,443.4
Land department, leasing and scouting.....	do.....	76.5	15.8	4.8	2.8	15.5	37.6
Geological and geophysical.....	do.....	399.5	25.8	12.2	52.9	90.1	218.5
Lease rents.....	do.....	150.7	36.2	6.6	21.9	23.6	62.4
Test hole contributions.....	do.....	13.8	2.7			1.4	4.4
Other exploration expenditures, including direct overhead.....	do.....	106.0	17.4	4.7	8.9		
General and administrative overhead not reported elsewhere.....	do.....	203.6	42.3	5.6	29.7	49.8	76.2
Development expenditures.....	do.....	3,039.3	720.7	94.2	318.3	624.0	1,282.1
Drilling and equipping wells <sup>1</sup>	do.....	1,766.8	443.2	60.4	173.2	337.6	752.3
Dry holes.....	do.....	1,225.7	59.0	10.7	20.3	47.1	88.6
Oil.....	do.....	788.1	187.9	12.9	82.9	160.3	344.1
Gas.....	do.....	623.6	176.3	43.4	58.4	112.0	233.5
Work-in-progress adjustment.....	do.....	129.5	20.2	-6.6	11.5	18.2	86.2
Lease equipment.....	do.....	572.2	107.6	11.7	98.2	139.1	215.6
Lease and land acquisitions of producing acreage.....	do.....	183.1	40.8	7.6	21.0	52.5	61.2
Other development expenditures, including direct overhead.....	do.....	352.5	75.4	9.9	18.5	55.7	193.0
General and administrative overhead not reported elsewhere.....	do.....	164.6	53.8	4.6	7.3	39.1	59.8
Production expenditures.....	do.....	4,208.5	936.9	90.3	478.2	922.6	1,780.5
Direct operating expenditures	do.....	2,593.6	612.9	55.7	241.3	568.7	1,115.0
Operating and maintenance	do.....	2,071.2	537.5	47.5	201.0	414.3	870.9
Workovers.....	do.....	341.6	50.7	4.1	36.4	111.5	138.9
Other direct expenses.....	do.....	180.7	24.7	4.1	3.8	42.9	105.2
Indirect operating expenditures.....	do.....	1,615.0	324.2	34.6	236.9	353.9	665.4
Taxes (excluding income taxes).....	do.....	924.6	135.1	18.9	118.0	217.2	435.4
General and administration overhead.....	do.....	196.8	153.5	14.8	64.8	121.4	142.3
Other indirect expenses ..	do.....	193.5	35.6	0.9	54.0	15.3	87.7
Gross book value of fixed assets.....	do.....	55,468.7	8,488.1	1,559.2	5,019.4	12,400.1	28,001.9
Oil and gas field properties.....	do.....	54,441.1	8,180.0	1,546.2	4,961.8	12,104.1	27,649.0
Nonproducing properties.....	do.....	8,871.0	787.5	193.3	802.8	2,075.0	5,012.4
Producing properties.....	do.....	44,237.1	7,013.4	1,306.9	4,045.5	9,871.4	21,999.9
Work-in-progress.....	do.....	1,332.9	379.0	46.0	113.5	157.7	636.7
Buildings, other structures, and machinery.....	do.....	1,027.5	308.1	13.0	57.5	296.0	352.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.



Table 12.--DETAILED STATISTICS GROUPED BY THE RATIO OF EXPLORATORY AND DEVELOPMENT DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPLORATION AND DEVELOPMENT EXPENDITURES: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.149	150-199	200-.249	.250-.299	300-.349	350-.399	.400-.499	.500-.599	.600 and over
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,643.1	60.1	128.9	459.6	534.2	125.8	433.1	253.3	399.2	61.2	187.7
From stripper well leases...	.....do.....	206.7	26.5	11.0	27.1	28.0	6.8	16.9	4.8	22.1	11.6	51.9
Lease condensate.....	.....do.....	131.9	1.4	5.3	26.7	22.3	7.1	18.7	14.7	20.9	6.2	8.7
Natural gas.....	811 cu. ft	18,057.3	356.8	599.7	3,964.8	3,076.3	906.8	2,666.7	1,350.7	2,859.5	919.5	1,356.4
Lease revenues												
Crude petroleum and condensate	Mil. dol...	14,909.7	337.1	622.0	2,803.6	2,876.6	675.9	2,388.0	1,336.2	2,269.8	459.1	1,141.5
.....do.....	.....do.....	10,345.6	230.9	464.7	1,850.6	2,100.7	462.7	1,703.2	994.4	1,591.3	236.2	711.0
Crude petroleum.....	.....do.....	9,802.3	226.3	443.1	1,740.9	2,009.9	433.4	1,627.3	932.4	1,502.9	211.6	674.3
Lease condensate.....	.....do.....	543.2	4.6	21.5	109.6	90.8	29.3	75.8	62.0	88.4	24.6	36.6
Natural gas.....	.....do.....	4,058.8	72.8	144.3	848.0	708.3	201.1	601.6	312.1	609.3	199.5	361.9
Income received from oil and gas royalties.....	.....do.....	438.7	31.4	5.0	100.3	54.2	10.7	71.3	24.2	63.8	20.2	57.7
Other lease revenues from producing operations.....	.....do.....	66.6	2.3	8.1	4.7	13.3	1.5	12.0	5.5	4.8	3.4	11.1
Expenditures (capitalized and expensed)												
Exploration expenditures.....	.....do.....	12,694.2	390.5	757.0	2,473.8	2,188.5	563.0	1,969.2	911.3	1,647.3	598.8	1,194.8
Drilling and equipping wells <sup>1</sup>	.....do.....	5,446.2	182.2	417.3	1,444.0	953.9	296.4	741.9	280.6	490.5	251.0	388.4
Dry holes.....	.....do.....	944.2	-	29.1	89.8	86.6	46.0	109.7	57.1	127.5	119.6	278.6
Oil.....	.....do.....	557.7	-	20.2	65.6	74.9	33.6	64.6	35.4	72.1	63.2	128.0
Gas.....	.....do.....	113.4	-	2.7	5.7	7.3	2.3	7.1	6.5	11.9	11.6	58.3
Work-in-progress adjustment.....	.....do.....	194.1	-	7.1	7.8	13.0	12.6	18.5	6.1	26.9	34.8	67.4
Lease and land acquisitions of nonproducing acreage.....	.....do.....	79.2	-	-1.0	10.7	-8.5	-2.5	19.6	9.1	16.7	10.0	25.1
Land department, leasing and scouting.....	.....do.....	3,552.0	179.4	352.8	1,199.8	688.0	210.8	447.0	101.3	236.6	83.8	52.4
Geological and geophysical.....	.....do.....	76.5	0.5	2.6	9.4	13.1	4.8	11.6	8.9	14.1	4.4	7.1
Lease rentals.....	.....do.....	399.5	0.5	15.9	69.4	78.7	11.7	79.6	58.6	61.7	10.8	12.7
Test hole contributions.....	.....do.....	150.7	0.5	5.3	17.3	21.8	7.2	30.3	19.0	20.5	11.9	16.9
Other exploration expenditures, including direct overhead.....	.....do.....	13.8	-	1.6	1.7	1.6	0.4	5.4	0.7	1.2	0.3	0.9
General and administrative overhead not reported elsewhere.....	.....do.....	106.0	0.5	3.2	35.2	11.9	8.5	19.1	7.5	5.8	8.4	5.9
Development expenditures.....	.....do.....	203.6	0.9	6.7	21.4	52.1	6.9	39.1	27.4	23.3	11.6	14.1
Drilling and equipping wells <sup>1</sup>	.....do.....	3,039.3	8.4	142.9	397.1	477.9	110.0	555.2	260.4	491.2	175.9	420.2
Dry holes.....	.....do.....	1,766.8	-	48.0	203.3	224.9	67.2	317.6	150.0	297.5	111.9	346.5
Oil.....	.....do.....	225.7	-	7.2	33.1	21.8	7.3	40.0	20.9	41.7	14.0	39.8
Gas.....	.....do.....	788.1	-	15.4	86.2	116.0	18.6	140.8	68.8	140.6	32.6	169.1
Work-in-progress adjustment.....	.....do.....	623.6	-	19.0	84.3	51.8	33.0	87.7	36.8	112.4	59.4	139.1
Lease equipment.....	.....do.....	129.5	-	6.4	-0.3	35.3	8.3	49.1	23.5	2.7	6.0	-1.5
Lease and land acquisitions of producing acreage.....	.....do.....	572.2	0.4	28.2	81.8	114.4	21.9	133.7	45.4	78.9	23.8	43.8
Other development expenditures, including direct overhead.....	.....do.....	183.1	0.1	47.4	32.2	38.9	4.9	14.4	3.6	20.8	14.6	6.3
General and administrative overhead not reported elsewhere.....	.....do.....	352.5	4.2	13.4	52.2	61.0	12.1	75.9	61.3	94.1	5.7	9.8
.....do.....	.....do.....	164.6	3.7	6.0	27.6	38.7	4.0	13.6				
Production expenditures.....	.....do.....	2,071.2	131.9	106.0	262.1	368.8	85.2	312.3	193.9	298.7	86.4	225.9
Direct operating expenditures	.....do.....	4,208.5	199.9	196.8	632.7	756.7	156.5	672.1	370.3	665.6	171.9	386.2
Operating and maintenance	.....do.....	2,593.6	141.1	133.9	332.9	443.6	96.4	421.4	265.9	394.3	96.8	267.4
Workovers.....	.....do.....	341.6	5.5	27.0	51.6	27.5	10.7	61.0	36.1	89.0	7.0	26.4
Other direct expenses.....	.....do.....	180.7	3.7	0.9	19.1	47.4	0.5	48.1	36.0	6.6	3.4	15.1
Indirect operating expenditures.....	.....do.....	1,615.0	58.8	63.0	299.8	313.1	60.1	250.7	104.3	271.4	75.1	118.7
Taxes (excluding income taxes).....	.....do.....	924.6	13.9	36.6	181.7	180.6	39.4	152.0	72.2	163.5	31.3	53.4
General and administration overhead.....	.....do.....	496.8	37.6	16.9	50.5	85.3	15.1	76.9	26.9	100.9	34.3	52.3
Other indirect expenses.....	.....do.....	193.5	7.3	9.5	67.7	47.2	5.6	21.7	5.2	6.9	9.4	12.9
Gross book value of fixed assets												
Oil and gas field properties.....	.....do.....	55,468.7	1,477.6	2,709.6	8,997.2	10,215.7	2,783.0	10,210.2	4,395.9	8,657.1	2,190.0	3,832.4
Nonproducing properties.....	.....do.....	34,441.1	1,427.7	2,625.8	8,847.3	10,095.1	2,748.1	10,079.3	4,284.3	8,502.6	2,124.9	3,706.0
Producing properties.....	.....do.....	8,871.0	261.1	602.6	1,972.5	1,521.0	553.7	1,296.7	483.1	1,467.8	352.9	359.8
Work-in-progress.....	.....do.....	44,237.1	1,161.5	1,975.4	6,726.9	8,500.1	2,148.1	8,224.0	3,705.8	6,834.7	1,702.1	3,258.5
Buildings, other structures, and machinery.....	.....do.....	1,332.9	5.0	47.8	148.0	74.0	46.3	558.6	95.5	200.1	69.9	87.7
.....do.....	.....do.....	1,027.5	49.9	83.7	149.8	120.7	34.9	130.9	111.5	154.4	65.1	126.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup> Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 13.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATION EXPENDITURES TO TOTAL EXPENDITURES: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			,000	001-199	200-299	300-399	400-499	500-599	600-699	700 and over		
<b>Sales volumes:</b>												
Crude petroleum and condensate	Mil. bbl.	2,643.1	99.2	184.2	611.4	435.6	554.6	53.6	415.2	199.8	37.6	52.0
From stripper well leases...	.....	206.7	38.8	38.6	22.9	22.1	24.2	2.8	24.5	16.2	4.0	12.6
Lease condensate.....	.....	131.9	1.3	6.2	28.5	22.3	26.3	3.4	25.0	11.0	3.9	4.0
Natural gas.....	Bil. cu. ft.	18,057.3	552.8	1,148.4	3,432.2	3,063.0	2,942.7	421.6	3,406.3	1,610.6	586.8	889.8
<b>Lease revenues:</b>												
Crude petroleum and condensate.....	Mil. dol.	14,909.7	525.1	1,064.8	3,248.3	2,542.1	2,818.2	346.6	2,443.7	1,184.9	301.5	434.5
Crude petroleum and condensate.....	.....	10,345.6	383.4	727.7	2,402.5	1,761.0	2,095.2	215.4	1,642.4	785.7	149.1	183.1
Crude petroleum.....	.....	9,802.3	378.3	704.9	2,278.8	1,669.4	1,986.9	200.9	1,543.5	742.0	133.9	163.7
Lease condensate.....	.....	543.2	5.1	22.9	123.6	91.6	108.4	14.4	98.9	43.7	15.2	19.4
Natural gas.....	.....	4,058.8	127.1	261.9	778.3	675.4	666.5	104.2	705.5	375.1	133.5	231.4
Income received from oil and gas royalties.....	.....	438.7	13.0	66.9	59.7	82.3	45.6	26.0	88.9	20.2	18.2	17.9
Other lease revenues from producing operations.....	.....	66.6	1.9	8.5	7.8	23.5	10.3	1.0	6.9	3.9	0.8	2.1
<b>Expenditures (capitalized and expensed):</b>												
Exploration expenditures.....	.....	12,694.2	382.3	937.1	2,134.0	1,860.6	2,203.2	312.8	1,848.1	1,357.5	378.2	1,280.3
Drilling and equipping wells <sup>1</sup> .....	.....	5,446.2	-	96.5	520.3	688.2	957.4	147.4	958.9	799.8	244.9	1,032.9
Dry holes.....	.....	944.2	-	26.1	104.0	127.1	163.5	45.7	109.9	96.3	76.1	195.6
Oil.....	.....	557.7	-	16.9	65.5	93.2	94.0	23.0	61.5	63.0	37.1	103.6
Gas.....	.....	113.4	-	3.8	12.2	12.8	25.1	5.0	13.2	10.5	11.3	19.6
Work-in-progress adjustment.....	.....	194.1	-	7.1	17.5	16.2	36.8	12.6	21.9	19.7	14.0	48.3
Lease and land acquisitions of nonproducing acreage.....	.....	79.2	-	-1.5	8.9	4.9	7.6	5.1	13.3	3.2	13.7	24.0
Land department, leasing and scouting.....	.....	3,552.0	-	35.9	222.4	350.0	625.7	73.3	721.8	598.5	142.8	781.6
Geological and geophysical.....	.....	76.5	-	4.2	16.7	11.2	19.7	1.6	11.5	6.6	2.6	2.2
Lease rents.....	.....	399.5	-	12.8	92.9	81.9	67.9	7.6	57.7	54.8	8.4	15.5
Test hole contributions.....	.....	150.7	-	10.0	26.6	35.3	23.8	6.0	17.0	16.9	4.8	10.3
Other exploration expenditures, including direct overhead.....	.....	13.8	-	0.7	1.4	5.5	1.3	0.1	1.6	1.1	1.4	0.6
General and administrative overhead not reported elsewhere.....	.....	106.0	-	4.5	11.8	15.5	19.3	4.8	20.3	11.9	4.5	13.3
Development expenditures.....	.....	203.6	-	2.5	14.5	61.7	36.1	8.2	18.9	13.7	4.3	13.7
Drilling and equipping wells <sup>1</sup> .....	.....	3,039.3	90.6	443.1	637.6	484.9	548.3	79.7	315.5	243.5	65.8	130.3
Dry holes.....	.....	1,766.8	56.6	268.0	360.2	270.3	328.5	48.9	162.7	139.1	45.3	87.4
Oil.....	.....	225.7	5.0	17.3	43.1	39.8	38.8	7.5	35.2	19.6	10.7	8.7
Gas.....	.....	788.1	28.1	134.8	204.7	139.8	135.2	14.7	51.4	43.0	10.6	25.9
Work-in-progress adjustment.....	.....	623.6	20.2	88.5	103.2	78.1	92.3	18.9	72.8	68.3	30.8	50.5
Lease equipment.....	.....	129.5	3.3	27.4	9.1	12.7	62.2	7.8	3.3	8.3	-6.8	2.3
Lease and land acquisitions of producing acreage.....	.....	572.2	12.0	49.2	114.3	138.6	112.9	15.7	55.6	44.6	8.2	21.2
Other development expenditures, including direct overhead.....	.....	183.1	2.1	29.1	24.4	23.5	32.1	5.7	33.8	22.5	2.5	7.5
General and administrative overhead not reported elsewhere.....	.....	352.5	5.4	82.3	105.7	23.5	52.6	3.7	45.4	21.6	7.7	4.7
Production expenditures.....	.....	184.6	11.4	14.5	33.1	29.0	22.3	5.8	18.0	15.7	2.2	9.6
Direct operating expenditures	.....	4,208.5	291.6	397.5	976.2	687.5	697.6	85.7	573.7	314.2	67.5	117.1
Operating and maintenance.....	.....	2,593.6	206.4	266.5	612.4	391.9	460.9	55.5	283.7	201.9	48.2	66.2
Workovers.....	.....	2,071.2	188.8	232.5	455.7	298.6	367.1	45.1	221.4	162.4	42.9	56.7
Other direct expenses.....	.....	341.6	11.3	24.8	120.3	44.0	45.9	7.7	61.4	16.2	4.2	5.9
Indirect operating expenditures.....	.....	180.7	6.3	9.2	36.4	49.3	17.9	2.6	0.9	23.3	1.1	3.6
Taxes (excluding income taxes).....	.....	1,615.0	85.3	131.0	363.8	295.6	236.6	30.2	290.0	112.3	19.4	50.9
General and administration overhead.....	.....	924.6	29.4	56.5	213.6	163.3	165.8	21.3	168.3	73.9	12.5	20.0
Other indirect expenses.....	.....	496.8	43.8	63.2	112.6	105.2	61.1	7.7	51.7	32.4	5.5	13.7
Gross book value of fixed assets.....	.....	193.5	12.1	11.3	37.5	27.0	9.7	1.2	70.0	6.0	1.4	17.2
Oil and gas field properties.....	.....	55,468.7	2,101.7	4,166.5	10,488.7	8,562.6	12,161.6	1,361.9	7,213.5	4,971.9	1,316.1	3,124.0
Nonproducing properties.....	.....	54,441.1	2,026.6	4,063.5	10,293.1	8,376.1	12,007.0	1,335.9	7,040.2	4,930.8	1,297.2	3,070.7
Producing properties.....	.....	8,871.0	143.9	323.0	1,481.5	1,055.6	1,752.9	333.0	1,309.3	1,001.8	208.3	1,261.7
Work-in-progress.....	.....	44,237.1	1,851.7	3,431.1	8,641.8	7,186.9	9,968.5	970.5	5,568.0	3,855.3	1,066.4	1,696.8
Buildings, other structures, and machinery.....	.....	1,332.9	31.0	309.4	169.9	133.7	285.7	32.3	162.9	73.5	22.5	112.2
		1,027.5	75.1	103.0	195.4	186.5	154.6	26.0	173.3	41.2	18.9	53.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 14.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL DEVELOPMENT EXPENDITURES TO TOTAL EXPENDITURES: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.499	.500 and over
<b>Sales volumes:</b>												
Crude petroleum and condensate	Mil. bbl...	2,643.1	93.7	70.3	321.0	510.9	537.2	600.8	347.7	52.8	54.8	53.9
From stripper well leases...	do.....	206.7	39.2	26.0	25.3	29.5	27.5	22.8	13.3	7.6	8.1	7.5
Lease condensate...	do.....	131.9	2.0	2.9	16.7	23.6	27.4	23.0	24.0	6.2	4.1	2.2
Natural gas...	Bil cu. ft.	18,057.3	575.1	410.7	3,037.6	3,510.6	2,954.0	3,504.8	2,478.2	652.5	539.2	394.6
<b>Lease revenues</b>	Mil. dol...	14,909.7	494.5	382.2	1,954.0	2,804.4	2,967.8	3,254.4	1,968.0	360.4	394.6	329.4
Crude petroleum and condensate...	do.....	10,345.6	334.8	263.0	1,294.9	1,957.4	2,104.0	2,375.7	1,383.6	194.4	223.4	214.4
Crude petroleum...	do.....	9,402.3	323.0	253.5	1,225.8	1,862.7	1,992.3	2,276.2	1,284.8	174.2	204.7	205.0
Lease condensate...	do.....	543.2	11.8	9.4	69.0	94.7	111.7	99.5	98.8	20.2	18.7	9.4
Natural gas...	do.....	4,058.8	120.7	92.2	609.2	782.2	731.8	801.2	548.5	140.1	142.6	90.3
Income received from oil and gas royalties...	do.....	438.7	34.5	21.8	48.1	50.0	122.4	69.9	31.0	19.7	19.6	21.8
Other lease revenues from producing operations...	do.....	66.6	4.5	5.2	1.9	14.8	9.5	7.6	4.9	6.2	9.0	2.9
<b>Expenditures (capitalized and expensed)</b>	do.....	12,694.2	568.6	452.7	1,415.9	2,893.7	2,131.3	2,467.8	1,362.4	437.4	391.7	572.5
Exploration expenditures...	do.....	5,446.2	324.7	233.5	763.2	1,619.0	872.8	951.7	355.2	178.8	90.0	57.2
Drilling and equipping wells <sup>1</sup>	do.....	944.2	105.8	94.8	76.9	159.0	154.5	170.3	84.7	33.6	42.3	22.3
Dry holes...	do.....	557.7	37.5	63.6	55.6	112.4	101.7	88.9	43.4	19.3	22.9	12.4
Oil...	do.....	113.4	21.2	9.0	4.6	15.3	18.4	15.2	10.7	7.5	8.2	3.2
Gas...	do.....	194.1	36.2	13.8	12.6	22.7	36.6	26.7	22.7	6.2	11.4	5.1
Work-in-progress adjustment...	do.....	79.2	10.9	8.3	4.2	8.6	-2.2	39.5	7.9	0.6	-0.2	1.6
Lease and land acquisitions of nonproducing acreage...	do.....	3,552.0	201.8	114.7	583.3	1,269.4	536.2	528.4	161.8	115.1	24.4	16.7
Land department, leasing and scouting...	do.....	76.5	1.6	1.6	6.9	10.9	17.4	11.6	11.2	9.9	2.7	2.6
Geological and geophysical...	do.....	399.5	2.3	6.5	39.3	81.6	77.8	120.0	56.4	7.4	4.1	4.0
Lease rents...	do.....	150.7	4.8	5.8	11.6	28.4	22.7	46.1	14.6	4.8	4.9	7.0
Test hole contributions...	do.....	13.8	0.2	1.6	1.1	2.3	0.9	6.2	0.9	0.4	(2)	0.2
Other exploration expenditures, including direct overhead...	do.....	106.0	1.2	3.2	29.0	27.2	14.6	14.6	8.3	2.7	2.7	2.4
General and administrative overhead not reported elsewhere...	do.....	203.6	7.1	5.2	14.9	40.3	48.8	54.5	17.3	4.8	8.9	1.8
Development expenditures...	do.....	3,039.3	-	25.9	194.2	490.5	471.6	675.2	437.6	161.7	175.1	407.6
Drilling and equipping wells <sup>1</sup>	do.....	1,766.8	-	12.7	102.5	267.9	250.6	393.0	270.3	107.3	107.0	255.5
Dry holes...	do.....	225.7	-	2.7	19.8	35.7	32.9	42.7	34.3	24.3	14.5	18.8
Oil...	do.....	788.1	-	6.8	43.8	103.0	113.4	183.4	126.6	31.4	41.8	138.1
Gas...	do.....	623.6	-	4.0	45.9	108.1	76.3	116.1	89.5	49.9	53.6	80.0
Work-in-progress adjustment...	do.....	129.5	-	-0.8	-7.0	21.1	28.0	50.8	20.0	1.7	-2.9	18.5
Lease equipment...	do.....	572.2	-	5.6	32.7	89.1	138.2	123.7	68.9	39.5	26.5	48.1
Lease and land acquisitions of producing acreage...	do.....	183.1	-	4.2	3.1	43.2	8.3	47.6	16.3	7.3	21.9	31.1
Other development expenditures, including direct overhead...	do.....	352.5	-			60.4	38.0	86.6	65.4	4.2	5.7	53.8
General and administrative overhead not reported elsewhere...	do.....	164.6	-	3.3	56.0	29.8	36.6	24.4	16.7	3.4	13.9	19.1
Production expenditures...	do.....	4,208.5	244.1	193.3	458.5	784.2	786.7	840.9	569.7	96.9	126.6	107.7
Direct operating expenditures	do.....	2,593.6	185.1	113.6	200.3	523.6	468.8	528.1	352.3	68.3	82.8	70.8
Operating and maintenance	do.....	2,071.2	170.8	99.3	160.1	417.1	365.4	421.7	257.6	51.3	69.8	58.3
Workovers...	do.....	341.6	10.1			64.4	42.3	68.0	85.8	7.2	9.8	8.1
Other direct expenses...	do.....	180.7	4.2	14.3	40.1	42.1	61.0	38.4	8.9	9.9	3.2	4.4
Indirect operating expenditures...	do.....	1,615.0	59.0	79.3	258.2	260.6	317.9	312.8	217.5	28.6	43.8	37.2
Taxes (excluding income taxes)...	do.....	924.6	15.9	31.5	133.7	165.4	188.8	196.0	135.9	15.5	25.3	16.7
General and administration overhead...	do.....	496.8	35.6	29.5	54.6	75.0	90.8	87.9	80.1	11.4	14.2	17.7
Other indirect expenses...	do.....	193.5	7.6	18.3	69.9	20.3	38.3	28.9	1.4	1.7	4.3	2.8
<b>Gross book value of fixed assets:</b>	do.....	55,468.7	1,919.8	1,432.6	5,437.9	11,444.2	11,001.1	11,599.3	7,224.8	2,192.6	1,465.8	1,750.7
Oil and gas field properties...	do.....	54,441.1	1,850.5	1,387.3	5,289.7	11,245.0	10,839.5	11,474.4	7,046.5	2,158.9	1,436.8	1,712.5
Nonproducing properties...	do.....	8,871.0	335.0	285.7	1,081.1	2,302.7	1,617.1	1,441.4	1,275.6	275.3	112.8	144.3
Producing properties...	do.....	44,237.1	1,480.2	1,070.2	4,092.2	8,806.6	9,040.3	9,799.6	5,625.1	1,699.7	1,304.4	1,318.8
Work-in-progress...	do.....	1,332.9	35.3	31.4	116.5	135.7	182.0	233.4	145.8	183.8	19.6	249.4
Buildings, other structures, and machinery...	do.....	1,027.5	69.3	45.3	148.2	199.2	161.6	124.7	178.3	33.8	28.9	38.2

Note: Detailed figures may not add to totals because of independent rounding.

-Represents zero. (2) Less than half of the unit measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 15.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL PRODUCTION EXPENDITURES TO TOTAL EXPENDITURES: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000- 099	.100- 149	.150- 199	.200- 249	.250- 299	.300- 349	.350- 399	.400- 499	.500- 599	.600 and over
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,643.1	29.5	55.4	69.5	201.2	343.3	335.9	654.6	644.7	158.9	150.1
From stripper well leases...	....do....	206.7	9.9	8.0	7.2	15.6	18.7	9.4	28.6	26.5	19.4	63.3
Lease condensate.....	....do....	131.9	2.0	5.4	8.4	12.1	17.8	19.0	31.1	26.1	7.0	3.0
Natural gas.....	Bill cu. ft	18,057.3	266.1	1,113.2	934.2	1,702.3	1,951.8	2,231.8	4,284.1	3,835.7	928.4	809.6
Lease revenues.....	Mil. dol...	14,909.7	184.2	531.7	527.8	1,205.3	1,837.2	1,927.7	3,573.0	3,442.7	907.0	773.1
Crude petroleum and condensate.....	....do....	10,345.6	88.8	218.8	273.1	795.5	1,311.2	1,326.9	2,586.3	2,545.2	622.6	577.2
Crude petroleum.....	....do....	9,802.3	82.2	195.0	239.0	746.3	1,238.5	1,246.7	2,459.8	2,434.1	595.4	565.3
Lease condensate.....	....do....	543.2	6.6	23.8	34.1	49.2	72.7	80.2	126.5	111.2	27.1	11.9
Natural gas.....	....do....	4,058.8	81.6	289.8	222.9	386.8	415.8	520.1	927.6	806.5	245.8	161.9
Income received from oil and gas royalties.....	....do....	438.7	12.1	20.0	21.6	19.1	101.5	75.4	50.0	77.7	34.8	26.6
Other lease revenues from producing operations.....	....do....	66.6	1.6	3.2	10.2	4.0	8.7	5.4	9.1	13.3	3.7	7.3
Expenditures (capitalized and expensed).....	....do....	12,694.2	675.9	1,107.6	751.2	1,414.9	1,656.4	1,388.2	2,408.9	2,169.8	599.1	522.3
Exploration expenditures.....	....do....	5,146.2	529.4	655.2	330.5	813.1	782.0	562.6	1,046.3	557.5	133.1	36.5
Drilling and equipping wells <sup>1</sup> .....	....do....	944.2	124.8	116.2	76.8	126.0	107.8	112.9	113.2	110.0	38.1	18.4
Dry holes.....	....do....	557.7	54.8	54.4	42.5	77.6	76.2	59.0	81.2	77.2	23.8	11.1
Oil.....	....do....	113.4	12.4	14.5	9.3	14.4	18.6	10.2	15.3	11.6	2.5	4.5
Gas.....	....do....	194.1	41.4	24.8	20.2	20.5	17.8	26.2	16.6	15.3	8.6	2.8
Work-in-progress adjustment.....	....do....	79.2	16.3	22.5	4.8	13.5	-4.8	17.4	0.2	6.0	3.2	0.1
Lease and land acquisitions of nonproducing acreage.....	....do....	3,552.0	373.1	478.0	205.2	585.8	574.3	309.0	725.4	230.1	64.8	6.3
Land department, leasing and scouting.....	....do....	76.5	1.1	5.8	10.9	6.7	9.6	5.5	15.5	16.2	3.7	1.4
Geological and geophysical.....	....do....	399.5	7.0	22.5	11.8	49.6	47.1	58.5	92.0	101.1	7.8	2.2
Lease rents.....	....do....	150.7	6.3	15.3	10.6	13.0	17.9	27.7	19.7	30.8	5.2	4.2
Test hole contributions.....	....do....	13.8	0.2	0.3	0.1	1.4	1.4	6.4	1.3	1.6	0.6	0.4
Other exploration expenditures, including direct overhead.....	....do....	106.0	9.1	3.8	7.0	14.3	12.1	9.0	24.9	22.6	2.6	0.7
General and administrative overhead not reported elsewhere.....	....do....	203.6	7.7	13.4	8.1	16.3	11.9	33.6	54.3	45.1	10.3	2.9
Development expenditures.....	....do....	3,039.3	117.7	321.4	285.2	271.2	401.4	350.3	473.8	630.0	144.6	43.7
Drilling and equipping wells <sup>1</sup> .....	....do....	1,766.8	95.3	219.8	157.0	166.4	218.1	213.1	236.6	371.2	69.1	24.3
Dry holes.....	....do....	225.7	16.8	21.6	24.8	18.9	26.3	22.3	36.5	47.3	6.0	5.0
Oil.....	....do....	788.1	38.5	63.5	47.7	78.4	100.6	98.5	117.4	200.9	33.0	9.6
Gas.....	....do....	623.6	39.5	139.1	64.9	55.0	56.4	67.7	66.6	93.0	32.5	9.0
Work-in-progress adjustment.....	....do....	129.5	0.4	-1.4	19.6	10.1	34.8	24.5	16.2	30.1	-2.5	0.7
Lease equipment.....	....do....	572.2	12.9	47.8	50.5	50.2	60.7	99.2	111.6	88.5	40.3	10.3
Lease and land acquisitions of producing acreage.....	....do....	183.1	1.5	25.7	17.1	22.3	69.1	6.4	15.9	15.0	5.8	4.4
Other development expenditures, including direct overhead.....	....do....	352.5	1.6	10.5	52.8	21.4	32.7	19.5	68.8	126.2	16.6	2.5
General and administrative overhead not reported elsewhere.....	....do....	164.6	6.5	17.6	7.9	14.8	20.8	12.1	40.9	29.1	12.8	2.3
Production expenditures.....	....do....	4,208.5	28.8	130.9	135.4	330.6	473.0	475.3	888.8	982.3	321.5	442.0
Direct operating expenditures	....do....	2,593.6	19.3	82.6	92.6	215.0	304.8	264.7	482.3	632.5	188.8	311.0
Operating and maintenance	....do....	2,071.2	17.1	69.1	74.5	168.4	261.7	216.3	346.3	470.7	167.7	279.2
Workovers.....	....do....	341.6	1.8	12.2	8.7	16.6	37.9	42.3	62.2	121.7	18.7	19.6
Other direct expenses.....	....do....	180.7	0.4	1.4	9.3	29.9	5.2	6.1	73.9	40.2	2.3	12.1
Indirect operating expenditures.....	....do....	1,615.0	9.5	48.3	42.8	115.7	168.3	210.6	406.5	349.8	132.7	131.0
Taxes (excluding income taxes).....	....do....	924.6	4.7	31.0	26.4	71.7	114.5	124.7	233.1	210.0	63.9	44.6
General and administration overhead.....	....do....	496.8	4.5	12.2	13.4	31.3	36.2	66.9	96.7	131.7	31.4	70.4
Other indirect expenses.....	....do....	193.5	0.3	5.4	3.1	12.6	15.4	19.0	76.6	8.0	37.4	15.5
Gross book value of fixed assets.....	....do....	55,468.7	1,223.8	3,399.3	3,185.7	4,895.1	7,390.6	6,419.6	11,706.1	11,856.9	2,522.9	2,768.7
Oil and gas field properties.....	....do....	54,441.1	1,198.6	3,352.9	3,142.7	4,961.2	7,263.0	6,322.7	11,453.1	11,629.8	2,462.1	2,655.1
Nonproducing properties.....	....do....	8,871.0	696.6	812.5	394.3	1,051.1	1,167.4	1,056.7	1,608.4	1,597.2	279.1	207.7
Producing properties.....	....do....	44,237.1	441.7	2,452.8	2,315.1	3,821.1	6,028.1	5,149.7	9,647.9	9,801.9	2,168.8	2,410.0
Work-in-progress.....	....do....	1,332.9	60.4	87.8	433.3	88.9	67.4	116.3	196.8	230.8	14.2	37.1
Buildings, other structures, and machinery.....	....do....	1,027.5	25.3	46.4	43.0	34.0	127.6	96.9	252.9	227.0	60.8	113.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 16. DETAILED STATISTICS FOR THE ONSHORE-LOWER 48 STATES GROUPED BY STRIPPER WELL LEASE SPECIALIZATION RATIO: 1973

(Net company interest basis)												
Item	Unit of measure	Total United States	Companies grouped by stripper-well lease specialization									
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.799	.800-1,000
Sales volumes:												
Total crude petroleum and condensate.....	Mil. bbl....	2,200.5	1,107.4	744.7	121.4	36.9	12.4	26.1	25.0	9.6	17.9	69.3
From stripper well leases.....	.....do.....	204.2	17.3	50.4	14.3	6.2	9.8	8.7	11.3	5.3	12.8	67.9
Lease condensate.....	.....do.....	99.8	47.9	35.9	7.0	1.3	2.9	1.7	1.9	0.2	0.4	0.6
Natural gas.....	Bil. cu. ft.	14,881.7	6,291.1	5,506.3	1,117.3	281.0	341.8	202.3	683.2	61.3	66.7	330.7
Lease revenues:												
Total crude petroleum and condensate.....	Mil. dol....	12,385.2	6,019.1	4,244.1	755.1	209.0	251.3	159.7	234.7	55.3	91.0	365.8
From stripper well leases.....	.....do.....	8,587.4	4,294.0	2,963.1	489.6	139.9	155.1	96.6	98.5	39.1	70.4	239.2
Crude petroleum.....	.....do.....	8,183.7	4,093.5	2,822.3	461.7	135.1	144.8	91.5	90.8	38.1	68.9	237.0
Lease condensate.....	.....do.....	403.6	201.4	141.3	28.1	4.7	10.3	5.1	7.8	1.0	1.5	2.2
Natural gas.....	.....do.....	3,302.2	1,488.4	1,166.0	230.4	57.5	71.6	31.0	128.3	14.2	11.9	102.8
Income received from oil and gas royalties.....	.....do.....	430.5	216.5	99.9	20.2	10.5	21.7	31.5	5.3	1.6	7.4	15.8
Other lease revenues from producing operations.....	.....do.....	65.1	19.3	14.5	14.6	1.1	2.9	0.6	2.6	0.3	1.2	8.0
Expenditures (capitalized and expensed):												
Exploration expenditures:												
Total drilling and equipping wells <sup>1</sup> .....	.....do.....	712.0	428.6	89.1	45.0	12.3	22.0	12.1	31.5	4.9	8.8	57.4
Dry holes.....	.....do.....	384.1	230.3	58.9	28.8	7.4	12.0	8.6	7.8	3.2	4.0	23.1
Oil.....	.....do.....	91.3	52.6	7.1	4.3	2.2	3.1	0.4	1.4	0.4	4.4	15.4
Gas.....	.....do.....	161.2	87.2	20.3	7.8	3.9	6.4	4.5	8.3	1.6	0.6	20.6
Work-in-progress adjustment.....	.....do.....	75.5	58.5	2.8	4.1	-1.1	0.6	-1.2	13.9	-0.3	-0.1	-1.7
Lease and land acquisitions of nonproducing acreage.....	.....do.....	420.2	196.6	102.7	44.3	17.5	17.5	5.7	21.8	2.4	1.3	10.4
Land department, leasing and scouting.....	.....do.....	71.7	31.7	19.6	5.2	2.3	8.3	0.7	1.6	0.3	0.4	1.5
Geological and geophysical.....	.....do.....	298.2	172.2	87.0	21.5	2.4	4.5	0.7	5.0	0.7	0.5	3.6
Lease rents.....	.....do.....	137.3	75.3	30.9	12.3	2.2	5.8	1.7	3.5	0.5	0.6	4.5
Test hole contributions.....	.....do.....	13.2	8.9	2.5	0.9	0.1	(2)	-	0.2	(2)	0.1	0.4
Development expenditures:												
Total drilling and equipping wells <sup>1</sup> .....	.....do.....	1,326.0	708.7	303.8	85.3	22.2	41.6	19.7	39.9	5.7	6.2	93.0
Dry holes.....	.....do.....	173.2	86.3	39.0	16.1	2.2	7.4	5.7	7.7	0.7	1.9	6.1
Oil.....	.....do.....	611.4	357.1	152.1	22.0	14.8	15.0	7.0	7.4	0.9	3.5	31.6
Gas.....	.....do.....	478.2	227.0	93.6	38.9	6.2	18.4	4.9	31.1	4.0	0.9	53.2
Work-in-progress adjustment.....	.....do.....	63.2	38.3	19.1	8.3	-1.1	0.8	2.1	-6.3	(2)	-0.1	2.1
Lease equipment.....	.....do.....	410.8	210.1	114.2	17.3	5.2	20.9	3.8	7.0	1.4	2.6	28.5
Lease and land acquisitions of producing acreage.....	.....do.....	172.8	80.0	34.2	10.1	11.9	4.5	18.6	1.7	1.2	0.4	10.0
Production expenditures:												
Total direct operating expenditures.....	.....do.....	2,180.3	1,105.2	554.2	142.3	48.4	56.1	39.4	53.2	18.5	31.7	131.3
Operating and maintenance.....	.....do.....	1,771.8	862.2	465.7	116.2	39.5	44.0	37.2	49.9	16.7	26.5	113.9
Well workovers.....	.....do.....	270.4	170.1	59.3	13.0	3.0	4.5	2.0	2.6	1.4	3.3	11.2
Other direct expenses.....	.....do.....	138.0	72.9	29.2	13.1	5.9	7.6	0.2	0.7	0.3	2.0	6.2
Indirect operating expenditures:												
Taxes (excluding income taxes).....	.....do.....	856.9	411.7	317.8	55.1	8.5	16.0	11.0	16.1	3.6	2.4	14.6
Other indirect expenses.....	.....do.....	170.9	56.8	83.3	5.5	1.2	1.3	6.5	1.9	1.4	2.3	10.7
Total gross book value of fixed assets:												
Total oil and gas field properties.....	.....do.....	38,604.7	19,346.4	11,106.0	2,798.6	669.0	1,113.7	544.1	1,167.5	182.9	196.5	1,480.1
Nonproducing properties.....	.....do.....	37,713.5	18,866.6	10,944.3	2,731.0	658.0	1,089.0	528.5	1,139.5	170.6	185.4	1,400.6
Producing properties.....	.....do.....	2,514.7	1,426.1	493.3	198.4	43.1	116.8	26.1	98.0	10.6	7.2	95.1
Work-in-progress.....	.....do.....	34,514.2	17,059.0	10,303.8	2,503.6	605.9	916.3	498.0	1,017.7	159.9	176.4	1,273.4
Buildings, other structures, and machinery.....	.....do.....	684.6	381.6	147.3	29.0	9.0	55.9	4.4	23.8	(2)	1.7	32.0
.....	Mil. dol....	891.1	479.8	161.7	67.5	11.0	24.7	15.6	27.9	12.3	11.1	79.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(2) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.



## Appendix A

PENALTY FOR FAILURE TO REPORT

DUE DATE: 45 DAYS AFTER RECEIPT

Form Approved O.M.B. No. 41-R2797

FORM MA-13K  
16-17-74U.S. DEPARTMENT OF COMMERCE  
SOCIAL AND ECONOMIC STATISTICS ADMIN.  
BUREAU OF THE CENSUS**1973 ANNUAL SURVEY OF  
OIL AND GAS**Please complete and return  
this form as soon as possible  
after receipt to:BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, Indiana 47130

**NOTE:** The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.

If book figures are not available, carefully prepared estimates are acceptable. Complete every item.

If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

**NOTICE** - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to this Census File Number

Please correct errors in name, address and ZIP code. ENTER street and number if not shown.

**GENERAL INSTRUCTIONS****▶ PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀**

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

**▶ WHO SHOULD REPORT?**

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during 1973 is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which operated oil and gas field leases for their own account or for the account of others during 1973 is required to submit data for column (m).

**▶ WHAT ACTIVITIES SHOULD BE REPORTED?**

This report includes production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, record keeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production.

**▶ WHAT PERIOD SHOULD REPORT COVER?**

This report should cover calendar year 1973. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

**▶ HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?**

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquid plants.

**▶ HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?**

**1. By Geographical Area** - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

**2. By Lease Classification** - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for non-producing exploratory leases are to be excluded from the lease classification breakdown. Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

**3. By Operator** - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47130

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone		
				Area code	Number	Extension
	This report is substantially accurate and covers the period from _____ to _____					
	Name of company	Address (Number and street, city, State)		ZIP code		
	Signature of authorized person	Title		Date		

## 1973 ANNUAL SURVEY OF OIL AND GAS

1973 ANNUAL SURVEY OF OIL AND GAS																			
NET COMPANY INTEREST BASIS																			
Line number	Item	Unit of measure	TOTAL UNITED STATES (c)	GEOGRAPHICAL AREA					LEASE CLASSIFICATION					OPERATOR		GROSS OPERATOR BASIS	Line number		
				Alaska			Lower 48		Oil leases (h)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)						
				Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)												
I. SALES VOLUMES																			
1	A. Total crude petroleum and condensate	Thousand barrels	01016	01024	01032	01040	01057	01065	01073	01081	01099	01107	01115				1		
2	1. From stripper well leases (included in line 1)	Thousand barrels	02014	02022	02030	02048	02055	02063	02071	02089	02097	02105	02113				2		
3	2. Lease condensate (included in line 1)	Thousand barrels	03012	03020	03038	03046	03053	03061	03079	03087	03095	03103	03111				3		
4	B. Natural gas	Million cubic feet	04010	04028	04036	04044	04051	04059	04077	04085	04093	04101	04109				4		
5	II. TOTAL LEASE REVENUES	Thousand dollars	05017	05025	05033	05041	05058	05066	05084	05092	05108	05108	05116				5		
6	A. Total crude petroleum and condensate	Thousand dollars	06015	06023	06031	06049	06056	06064	06072	06080	06098	06106	06114				6		
7	1. Crude petroleum	Thousand dollars	07013	07021	07029	07047	07054	07062	07070	07078	07086	07104	07112				7		
8	2. Lease condensate	Thousand dollars	08011	08029	08037	08045	08052	08060	08078	08086	08094	08102	08110				8		
9	B. Natural gas	Thousand dollars	09019	09027	09035	09043	09050	09058	09076	09084	09092	09100	09108				9		
10	C. Income received from oil and gas royalties	Thousand dollars	10017	10025	10033	10041	10058	10066	10084	10092	10108	10108	10116				10		
11	D. Other lease revenues from producing operations	Thousand dollars	11015	11023	11031	11049	11056	11064	11082	11090	11098	11106	11114				11		
12	III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)	Thousand dollars	12013														12		
13	A. Total exploration expenditures	Thousand dollars	13011														13		
14	1. Total drilling and equipping wells	Thousand dollars	14019	14027	14035	14043	14050	14058	14076	14084	14092	14100	14108				14		
15	a. Dry holes	Thousand dollars	15016	15024	15032	15040	15057	15065	15073	15081	15099	15107	15115				15		
16	b. Successful	Thousand dollars	16014	16022	16030	16048	16055	16063	16081	16089	16097	16105	16113				16		
17	(1) Oil	Thousand dollars	17012	17020	17028	17046	17053	17061	17079	17087	17095	17103	17111				17		
18	(2) Gas	Thousand dollars	18010	18028	18036	18044	18051	18059	18077	18085	18093	18101	18109				18		
19	c. Work-in-progress adjustment	Thousand dollars	19018	19026	19034	19042	19059	19067	19085	19093	19101	19109	19117				19		
20	2. Lease and land acquisitions of nonproducing acreage	Thousand dollars	20016	20024	20032	20040	20057	20065	20083	20091	20109	20117	20125				20		
21	3. Land department, leasing, and scouting	Thousand dollars	21014	21022	21030	21048	21055	21063	21081	21089	21097	21105	21113				21		
22	4. Geological and geophysical	Thousand dollars	22012	22020	22028	22046	22053	22061	22079	22087	22095	22103	22111				22		
23	5. Lease rentals	Thousand dollars	23010	23028	23036	23044	23051	23059	23077	23085	23093	23101	23109				23		
24	6. Test hole contributions	Thousand dollars	24018	24026	24034	24042	24059	24067	24085	24093	24101	24109	24117				24		
25	7. Other exploration expenditures, including direct overhead	Thousand dollars	25015	25023	25031	25049	25056	25064	25082	25090	25098	25106	25114				25		
	8. General and administrative overhead not reported elsewhere	Thousand dollars	26013	26021	26029	26047	26054	26062	26080	26088	26096	26104	26112				26		





## INSTRUCTIONS FOR COMPLETING FORM MA-13K

## ► I. SALES VOLUMES

► **Line 1 – Total crude petroleum and condensate** – Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (l), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

► **Line 2 – From stripper well leases (included in line 1)** – Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

► **Line 3 – Lease condensate (included in line 1)** – Report the lease condensate sales volume included in total crude petroleum and condensate.

► **Line 4 – Natural gas** – Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (l), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

## ► II. TOTAL LEASE REVENUES

► **Line 5 – Total lease revenues** – Report the totals of lines 6, 9, 10, and 11

► **Lines 6, 7, and 8 – Crude petroleum and condensate** – Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (l), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 9 – Natural gas** – Report values comparable to the volumes reported in Line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (l), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

**Line 10 – Income received from oil and gas royalties** – Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

► **Line 11 – Other lease revenues from producing operations** – Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, uranium, or other mineral operations.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

► **Line 12 – Total expenditures (capitalized and expensed)** – Report on this line the totals of lines 13, 16, and 36. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallower-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 29 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 35, and 43 depreciation may be charged for office buildings, etc. where the total cash expenditure for such facilities are not reported elsewhere.

► **Line 13 – Total exploration expenditures** – Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25

► **Line 14 – Total drilling and equipping wells** – Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) – Continued

NOTE For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 15 – Dry holes** – Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping exploratory dry holes during the period. Include non-operator costs.

Instructions for lines 16 and 17 – **Successful** – Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (l), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total expenditures incurred during the period, on properties which you operated, for drilling and equipping successful exploratory wells. Include non-operators costs.

► **Line 16 – Oil** – Report the expenditures which are attributed to successful exploratory wells where the result of the drilling was to find oil reserves.

► **Line 17 – Gas** – Report the expenditures which are attributed to successful exploratory wells where the result of the drilling was to find gas (other than casinghead gas) reserves.

► **Line 18 – Work-in-progress adjustment** – Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

► **Line 19 – Lease and land acquisitions of non-producing acreage** – In columns (c) through (g), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

► **Line 20 – Land department, leasing, and scouting** – In columns (c) through (g), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing and rentals which should be reported on lines 19 or 22.

► **Line 21 – Geological and geophysical** – In columns (c) through (g), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

► **Line 22 – Lease rents** – In columns (c) through (g), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures which should be reported on line 20, and advance rentals, which are actually in the nature of a bonus which should be reported on line 19.

► **Line 23 – Test hole contributions** – Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

► **Line 24 – Other exploration expenditures, including direct overhead** – Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 25 – General and administrative overhead not reported elsewhere** – Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and Research and Development (R & D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

Continued on reverse side

### ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) - Continued

► **Line 26 - Total development expenditures** - In column (c), report the totals of lines 27, 32, 33, 34, and 35.

► **Line 27 - Total drilling and equipping wells** - Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 39. Also include expenditures for service wells which are to be reported on line 34. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE: For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 28 - Dry holes** - Report expenditures for casing, tubing, and well-head fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling development dry holes.

In column (m), report the total expenditures incurred on properties which you operated, for drilling and equipping development dry holes during the period. Include non-operators costs.

► **Instructions for lines 29 and 30 - Successful** - Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful development wells.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping successful development wells during the period. Include non-operators costs.

► **Line 29 - Oil** - Report the expenditures which are attributed to successful development wells where the result of the drilling was to find oil reserves.

► **Line 30 - Gas** - Report the expenditures which are attributed to successful development wells where the result of the drilling was to find gas (other than casinghead gas) reserves.

► **Line 31 - Work-in-progress adjustment** - Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE: Data for lines 32, 33, and 34 are to be combined for reporting in columns (k) and (l).

► **Line 32 - Lease equipment** - Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater-treaters, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

► **Line 33 - Lease and land acquisitions of producing acreage** - Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

► **Line 34 - Other development expenditures, including direct overhead** - Report the net Company interest in all expenditures not included on lines 27, 32, or 33 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for capital equipment constructed or purchased. Include fluid injection and improved recovery programs such as gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Facilities should include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection.

Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 35 - General and administrative overhead not reported elsewhere** - Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 34. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

### ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) - Continued

► **Line 36 - Total production expenditures** - Report on this line the totals of lines 37 and 41. Do not include expenditures applicable to gas processing plants or gas systems.

► **Line 37 - Total direct operating expenditures** - Report on this line the totals of lines 38, 39, and 40.

► **Line 38 - Operating and maintenance** - Report the net Company interest in normal daily operating expenses such as wages for pumps and other field personnel directly associated with oil and gas production, production personnel transportation expenses, materials and supplies consumed, and field office expense as well as surface repair and maintenance on lease equipment such as lease tank batteries, separators, pumps, buildings, and well producing equipment. Also report all other operating and maintenance expense except workover expense which is reported on line 39.

► **Line 39 - Well workovers** - Report the net Company interest in all expenditures directly related to well workovers for the period including expensed material, contract labor, etc.

► **Line 40 - Other direct expenses** - Report the net Company interest in all other direct production expenses not included on lines 38 and 39. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)

► **Line 41 - Total indirect operating expenditures** - Report on this line the totals of lines 42, 43, and 44.

► **Line 42 - Taxes (excluding income taxes)** - Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 34.

► **Line 43 - General and administrative overhead** - Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 37.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► **Line 44 - Other indirect expenses** - Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 42 and 43. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

### ► IV. TOTAL GROSS BOOK VALUE OF FIXED ASSETS

► **Line 45 - Total gross book value of fixed assets** - Report your own net working interest value before depreciation and amortization of all oil and gas field assets owned at the end of year, whether operated or non-operated, excluding the value of any assets belonging to others. Enter the original or acquisition cost of the fixed assets on the books of this company. Report on this line the totals of lines 46 and 50.

► **Line 46 - Total oil and gas field properties** - Report on this line the sum of lines 47, 48, and 49.

► **Line 47 - Nonproducing properties** - Report investment in undeveloped properties held for exploration purposes.

► **Line 48 - Producing properties** - Report year-end investment in properties which are producing, including shut-in leases. Such investment should include capitalized leasehold costs, intangible development costs, and tangible lease equipment. Also report investment in related producing facilities beyond the lease which are directly related to lease production operations. Investments in items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines and storage tanks, lease gas gathering lines not part of gasoline or cycling plants, etc., should be included.

► **Line 49 - Work-in-progress** - Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year-end.

► **Line 50 - Buildings, other structures, and machinery** - Report investment in exploration, development, and production facilities not included on line 46. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Exclude natural gas liquid plants, gas distribution systems, and other non-field operating activities.

### ► V - TOTAL EMPLOYMENT

► **Line 51 - Total employment** - Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are storage warehouses, garages, repair shops, research, development, and testing laboratories.

#### IMPORTANT NOTE

For immediate clarification of instructions or for other reporting problems contact area code (301) 763-7170.

## Appendix B

### DESCRIPTION OF SURVEY SAMPLE

The estimates presented in this report are derived from a stratified random sample of 500 companies, selected from a universe of 5,631 companies, classified in the 1972 Census of Mineral Industries as operators of crude petroleum and natural gas fields. The sample was augmented by the addition of about 30 companies such as oil and gas field contractors with secondary oil and gas operating revenues of \$2 million or more and other companies with large nonoperating working interest in oil and gas field leases identified in trade literature. The companies selected from the crude petroleum and natural gas industry (SIC 1311) accounted for 94 percent (uninflated) of the industries total value of shipments and receipts in 1972.

## Appendix C

## QUALIFICATIONS OF THE DATA

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

The following table contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

Table C-1. Selected Statistics and Relative Standard Error Estimates

Item	Reporting basis	
	Gross operator	Net company interest
Crude petroleum and condensate.....million dollars..	13,039.6	10,345.6
Natural gas.....do.....	5,064.1	4,058.8
Assets.....do.....	(X)	55,468.7
Exploration drilling expenditures.....do.....	1,142.1	944.2
Development drilling expenditures.....do.....	2,182.1	1,766.8
Relative standard error estimates for--		
Crude petroleum and condensate.....percent..	1	1
Natural gas.....do.....	1	2
Assets.....do.....	(X)	1
Exploration drilling expenditures.....do.....	4	5
Development drilling expenditures.....do.....	3	4

(X) Not applicable.

## Appendix C—Continued

For example, if an estimated total is shown as 20.0 billion with an associated relative standard error of 2 percent, the standard error is 0.4 billion (2 percent of 20.0 billion). Then the conclusion that the confidence interval 19.6 to 20.4 billion includes the complete coverage total has roughly a 2/3 chance of being correct; the conclusion that the confidence interval 19.2 to 20.8 billion includes the complete coverage total has nearly 19/20 chance of being correct; the conclusion that the confidence interval 18.8 to 21.2 billion includes the complete coverage total is almost certainly correct.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputa-

tion for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The imputations for nonresponse companies were based on data from those companies 1972 Census of Mineral Industries reports, from comparable companies reports in the 1973 ASOG, and from other information such as stockholder reports and Federal Power Commission data. Imputations for nonresponse companies accounted for one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.

DATA ITEMS USED FOR COMPUTING RATIOS FOR DISAGGREGATIVE TABLES.  
(See appendix A for copy of report form and instructions)

Table number	Numerator		Denominator	
	Line number(s) on report form and instructions	Column(s) from report form	Line number(s) on report form and instructions	Column(s) from report form
5	6 + 9 -36	c	45	c
6	12	c	5	c
7	7 + 9	h	6 + 9	c
8	8 + 9	i	6 + 9	c
9	5	e + g	5	c
10	14+19+20+21+22+23+27+32+33 +37+42+44	e + g	14+19+20+21+22+23+27+32+33+37 +42+44	c
11	45	e + g	45	c
12	14 + 27	c	13 + 26	c
13	13	c	12	c
14	26	c	12	c
15	36	c	12	c
16	2	f	1	f







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# Annual Survey of Oil and Gas 1974

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# Introduction

## SUMMARY OF SURVEY RESULTS

Revenues for crude petroleum and condensate on a gross operator basis<sup>1</sup> amounted to \$20,938 million in 1974, an increase of 61 percent from the 1973 figure of \$13,040 million. This revenue increase occurred despite a decline in volume to 3,159 million barrels from the 3,348 million barrels shipped in 1973. The 1974 average unit value was \$6.63 per barrel, an increase of 70 percent from the 1973 average unit value of \$3.89 per barrel.

Gross operator revenues for natural gas totalled \$6,726 million in 1974, an increase of 33 percent from the comparable 1973 figure of \$5,064 million. Corresponding quantity figures declined from 22,315 billion cubic feet in 1973 to a 1974 total of 21,878 billion cubic feet, a decrease of 2 percent. The 1974 average

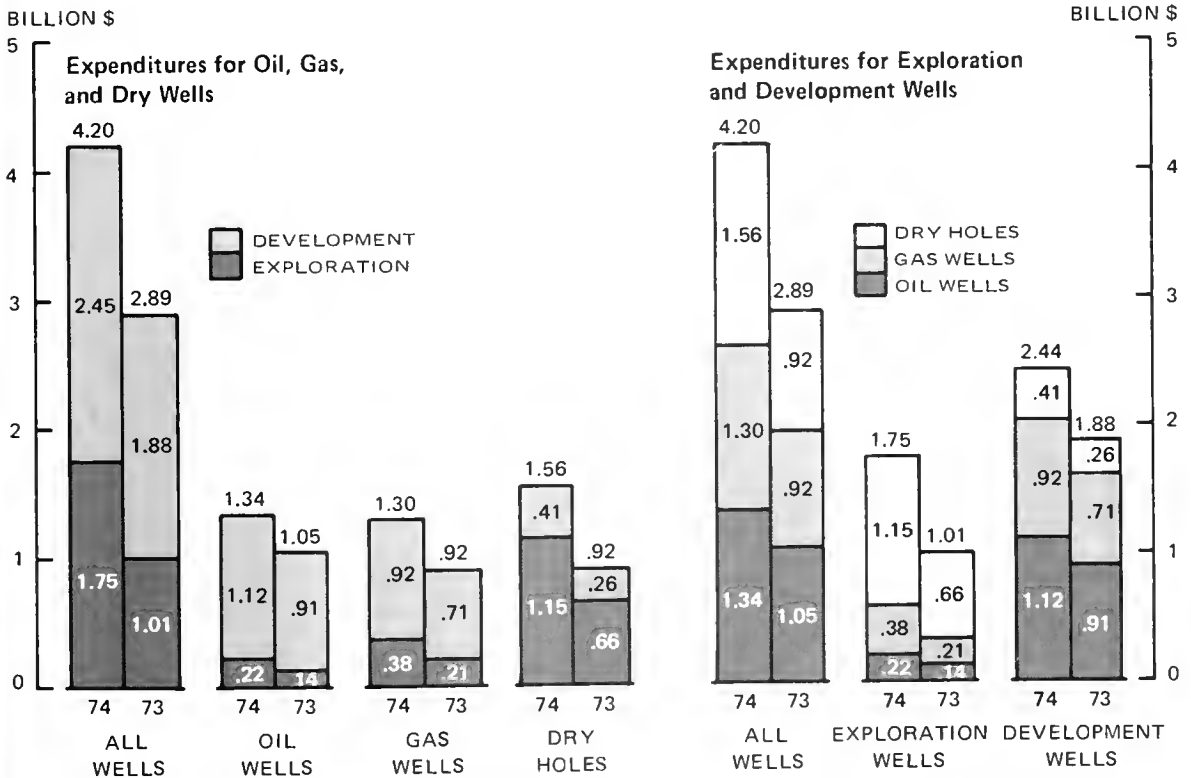
unit value for natural gas of 30.7 cents per thousand cubic feet was 35 percent higher than the corresponding 1973 figure of 22.7 cents.

Gross operator expenditures for drilling and equipping wells completed during 1974 totalled \$4,199 million. Even though 1974 drilling activities were somewhat constrained due to shortages of oil country tabular goods, drilling rigs, and drilling crews, these expenditures were still 45 percent greater than the 1973 level. The increase was particularly notable for exploratory drilling where the share of total drilling increased from 35 percent in 1973 to 42 percent in 1974. The percentage of drilling expenditures resulting in dry holes increased from 32 to 37 percent between 1973 and 1974 because of the emphasis on exploratory drilling.

A dry hole is defined as an exploratory or development well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well. This category, in conformance with

<sup>1</sup> See section, "Comparability of Net Company Interest to Gross Operator Basis Statistics: 1974" for definitions of terms.

**Chart A. Expenditures for Wells Completed During the Year: 1974 and 1973**  
(Billions of dollars)



standard industry nomenclature, includes wells which are temporarily abandoned prior to the installation of permanent production equipment, even though the wells may be completed for production at a later date. Also included as dry holes are offshore new-field wildcats which are drilled and abandoned even though substantial quantities of all and/or gas may have been discovered. Separate data for such discovery wells are not available. Chart A shows the distribution of these expenditures by type of well for 1974 and 1973.

Drilling work-in-progress at the end of 1974 increased in value by \$409 million from the corresponding level at the beginning of 1974. Thus, expenditures incurred during 1974 for drilling and equipping wells totalled \$4,607 million.

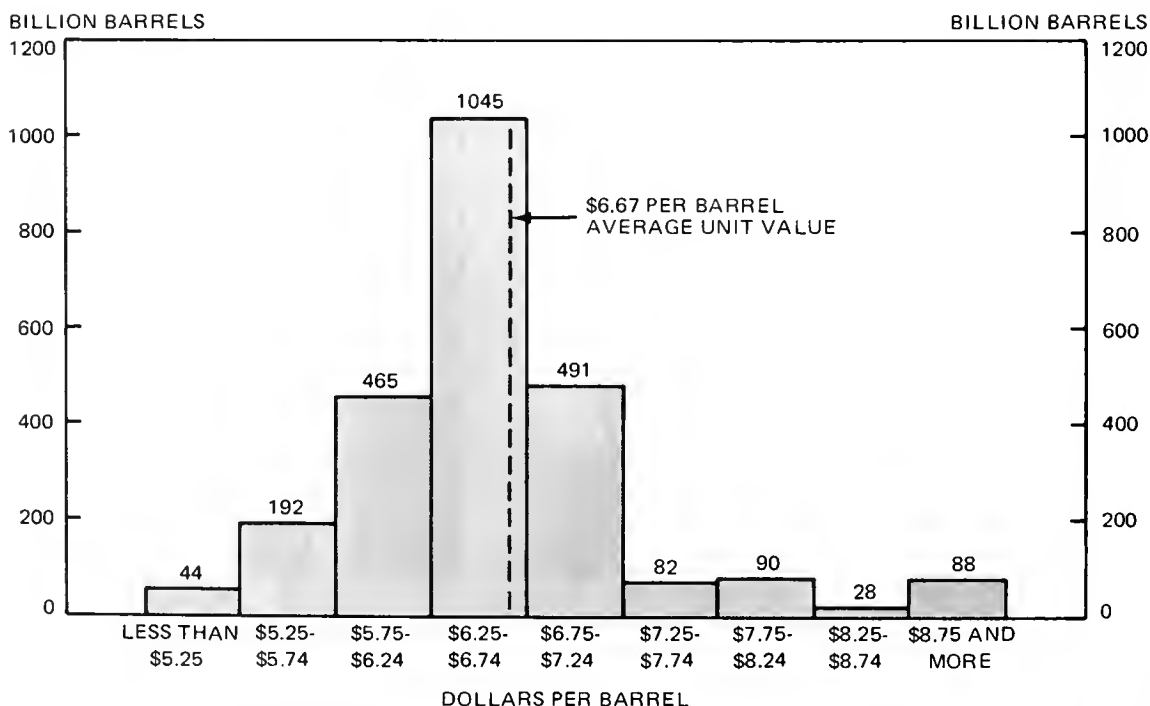
The major portion of the Annual Survey of Oil and Gas (ASOG) deals with statistics reported on a net company interest basis.<sup>2</sup> Revenues credited to the account of oil and gas field companies for sales of crude petroleum and condensate totalled \$16,773 million in 1974. Comparable revenues for natural gas

were \$5,552 million. Related volumes were 2,513 million barrels and 17,496 billion cubic feet, respectively. The 1974 average unit values for both natural gas and crude petroleum and condensate on a net company interest basis varied by less than 2 percent from the average unit values reflected in gross operator statistics.

Chart B shows the distribution of crude petroleum and condensate sales during 1974 based on the average unit value calculated for each company. Since reporting for this survey is at the company level, all crude petroleum and condensate sold by a company was assigned that company's average sales value for purposes of chart B. Thus, the 82 billion barrels shown for the range \$7.25-\$7.74 represents the total sales volumes of all companies with an average price per barrel within that range. Note that this figure may differ drastically from the actual quantity sold by all companies at prices within this range. The concentration of the distribution is slightly lower than the average unit value (\$6.67) of all crude petroleum and condensate sales. This indicates that most large companies in the industry had average unit values slightly

<sup>2</sup> Op. cit, p. 1.

**Chart B. Distribution of Crude Petroleum and Condensate Sales Volume/Based on the Average Unit Value of Each Company<sup>1</sup>**  
(Net company interest basis)



<sup>1</sup> For each company, the average unit value was derived by dividing the company's total sales revenue by the quantity sold.



below the industry's average. Also reflected is the impact of the two-tier price system in that companies that had principally "stripper lease, new, or released oil" are at the right (higher value) of the distribution while companies with a product mix principally of "old oil" (a \$5.25 per barrel price limit) are at the left of the distribution. For instance, given a price of \$5.25 for "old oil" and \$10.25 for all other oil, which was fairly typical for 1974, about 75 percent of the oil within the \$6.25-\$6.74 per barrel range would have been valued at \$5.25 per barrel.

Chart C shows that the average unit values for onshore crude petroleum and natural gas increased more than for the corresponding offshore products. The higher onshore prices are another reflection of the impact of the two-tier price system. This information is based on statistics from table 4, "Detailed Statistics by Geographical Area and By Operator 1974."

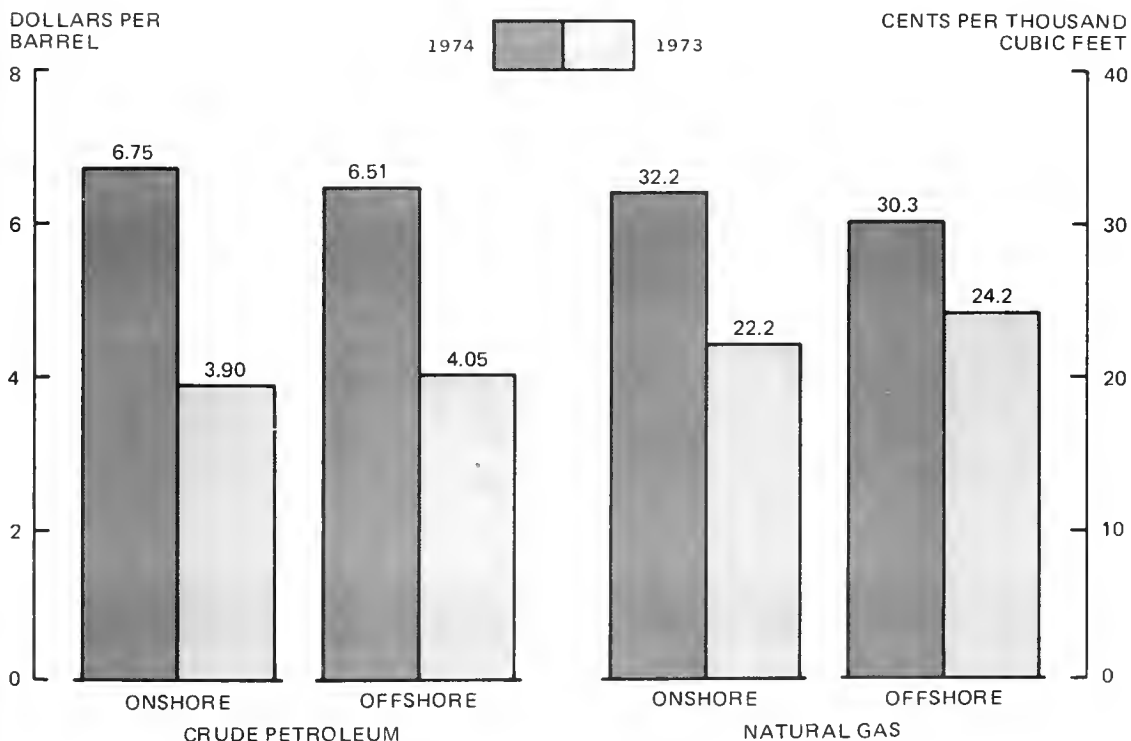
Chart D shows the proportion of various statistics accounted for by groups of companies ranked by the value of their lease revenues. Figure 1 shows the net company interest oil and gas revenues for the largest 8 and the next largest 24 companies as a percentage of gross operator oil and gas revenues. The ownership share of the eight largest companies amounted to 41

percent of all oil and gas revenues. Figures 2 and 3 include percentages calculated solely from table 3, and accordingly represent net working interest statistics. The largest eight companies owned 47 percent of the assets of oil and gas field properties and accounted for 52 percent of the expenditures for acquiring non-producing leases. Their proportion of expenditures was considerably higher than the 42 percent accounted for by the eight largest companies in 1973. Table 3 of the report includes additional detailed statistics based upon the lease revenue of oil and gas companies.

Chart E provides information regarding the current status of exploration, development, and production activity by geographic area and changes that have occurred since 1973. The onshore lower 48 States are primarily in a production phase of operation whereas the offshore lower 48 States and Alaska are primarily in exploration and development phases. The various shares in the illustrations in chart E give a picture of the mix of activities for the geographic areas with major operational differences.

Figures 3 and 4, chart E, highlight initial stages of finding and developing oil and gas fields. Often a number of years transpire between lease acquisition and developed productive capacity in offshore areas. The information contained in figures 3 and 4 indicate

**Chart C. Average Unit Values of Onshore and Offshore Crude Petroleum and Natural Gas: 1974 and 1973**  
(Net company interest basis)



that in future years the percentage of lease revenues (figure 1 of chart E) from both the offshore lower 48 States and Alaska can be expected to increase relative to the onshore lower 48 States. The expenditure data gives the most dramatic evidence of this shift.

Expenditures for acquiring nonproducing leases totalled \$5.8 billion, an increase of 61 percent over the 1973 figure of \$3.6 billion, while the 1973 expenditure for this item had already been a 112 percent increase over the level attained in 1972 (see table 8, 1972 Census of Mineral Industries, "oil and Gas Field Operations" industry report MIC72(1)-13A). Figure 4, chart E, shows that 87 percent of the lease acquisition expenditures for nonproducing acreage were in the offshore lower 48 States. A predominant part of these expenditures occurred at Federal Outer Continental Shelf sales held by the U.S. Department of the Interior, Bureau of Land Management. Lease acquisition expenditures amounted to \$1.5 billion in December, 1973 and \$5.0 billion from March, 1974 to October, 1974. Through various accounting options open to the acquiring companies, the December 1973 expenditures could have been reported in the 1974 ASOG in whole or in part.

Of the net company interest total of 2,513 million barrels of crude petroleum and condensate, 1,848 million barrels were produced from leases containing only oil wells, 84 million barrels (of condensate) were produced from gas leases, and 581 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 17,496 billion cubic feet of natural gas showed that 10,955 billion cubic feet were produced from leases containing only gas wells, 1,821 billion cubic feet (of casinghead gas) were produced from leases containing only oil wells, and 4,720 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart F, net company interest expenditures for exploration, development, and production amounted to \$18,706 million in 1974. Of this total, exploration accounted for \$8,659 million; development, \$4,413 million; and production, \$5,634 million. This represents an increase in total expenditures of 47 percent over 1973. The above components increased by percentages of 59, 45, and 34, respectively.

During 1974, the industry's total expenditures for exploration, development, and production amounted to \$23,051 million, a 55-percent increase over 1973. However, because of the greater increase in lease revenues, these expenditures amounted to 81 percent of total lease revenue compared to the 85 percent of revenue that such expenditures accounted for in 1973. The changes in the expenditure to revenue percentage by company size groupings is shown in table 3 and summarized in chart G. While in 1973 the expenditure to revenue percentage exceeded 100 for all size groups other than the largest 16 companies, the ratio declined to less than 100 in 1974 for several additional size groups. The percentage declined from 117 to 90 for all companies excluding the largest 200.

Chart H is based on statistics from table 3 and shows a decrease in the percentage of revenues expended for production between 1973 and 1974. There were small variations in lease revenues expended for production for the groups including the largest 150 companies. Each of these groups expended between 23 and 25 percent of their revenues for production in 1974. The position of the "all other" companies category was within 10 percent of the industry average in 1974 compared to 17 percent in 1973. Thus the 1973 tendency for smaller companies to spend a higher proportion of lease revenues for production continued, but the gap was reduced in 1974.

Production expenditures do not represent all expenditures actually incurred for production since income taxes, depletion, depreciation, amortization, and interest on investment are excluded.

The preceding summary information was based on statistics which appear in tables 1 through 5. These include aggregates of all detailed data collected for this survey. Tables 6 through 19 feature disaggregated statistics. For these tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 19 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphics presented in this report focus attention on some of the significant findings of this report.

Chart D. Distribution of Selected Items for Companies Ranked by Total Lease Revenues: 1974 and 1973

□ LARGEST  
8 COMPANIES

▒ COMPANIES RANKED  
9th THRU 32nd

■ ALL OTHER  
COMPANIES

FIGURE 1.  
Oil and Gas Revenues

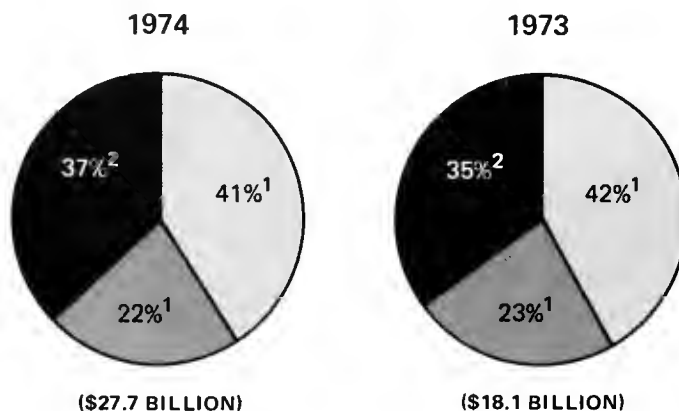


FIGURE 2.  
Assets of Oil and Gas  
Field Properties

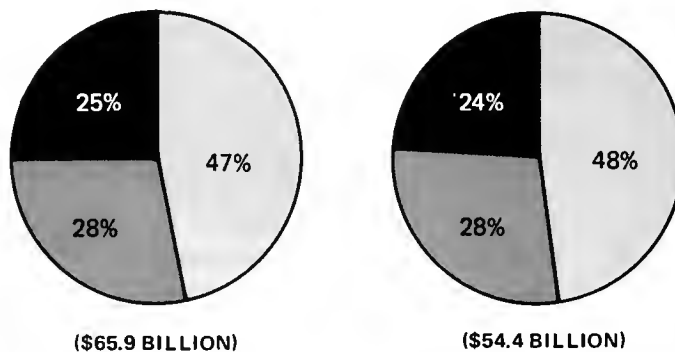
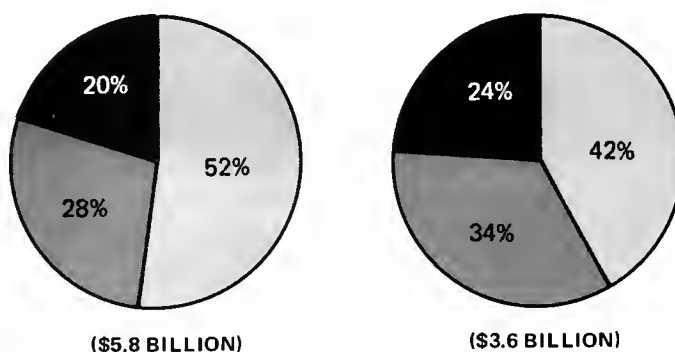


FIGURE 3.  
Expenditures for  
Acquiring Nonproducing  
Leases (Oil and Gas  
Mineral Rights)



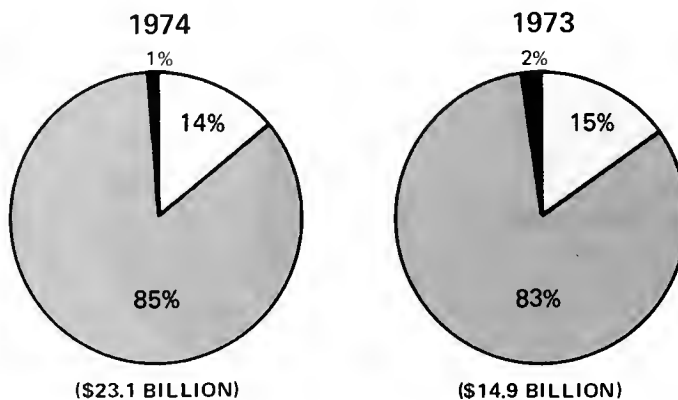
<sup>1</sup> Represents net company interest share of gross oil and gas revenues.

<sup>2</sup> Includes figures for non operating interest holders derived by difference between gross operator and net company interest statistics.

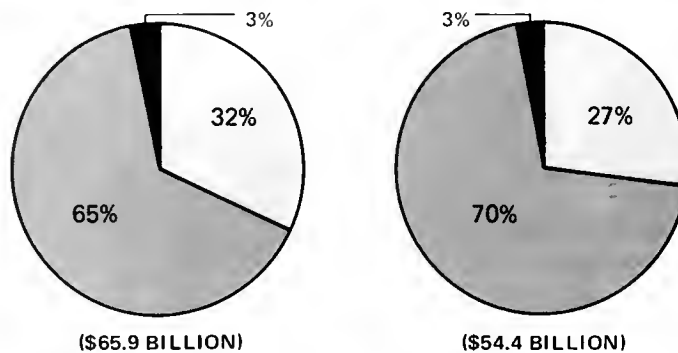
**Chart E. Distribution of Selected Items by Geographic Areas: 1974 and 1973**  
(Net company interest basis)

OFFSHORE LOWER-48 STATES
  ONSHORE LOWER-48 STATES
  ALASKA

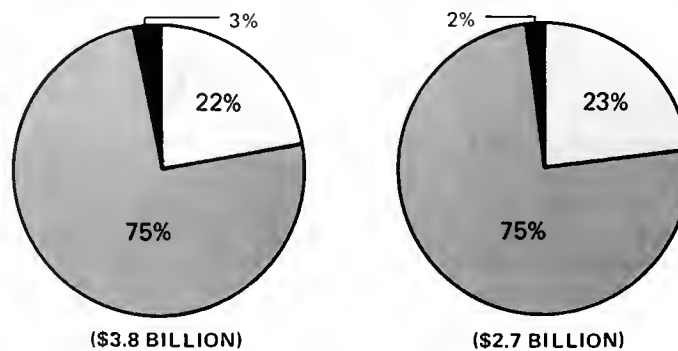
**FIGURE 1.  
Total Lease  
Revenue**



**FIGURE 2.  
Assets of Oil and Gas  
Field Properties**



**FIGURE 3.  
Expenditures for  
Drilling and  
Equipping Wells**



**FIGURE 4.  
Expenditures  
for Acquiring  
Nonproducing  
Leases (Oil and Gas  
Mineral Rights)**

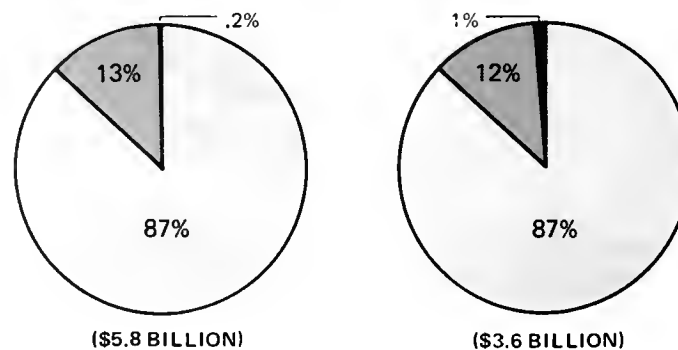


Chart F. Distribution of Exploration, Development, and Production Expenditures: 1974 and 1973

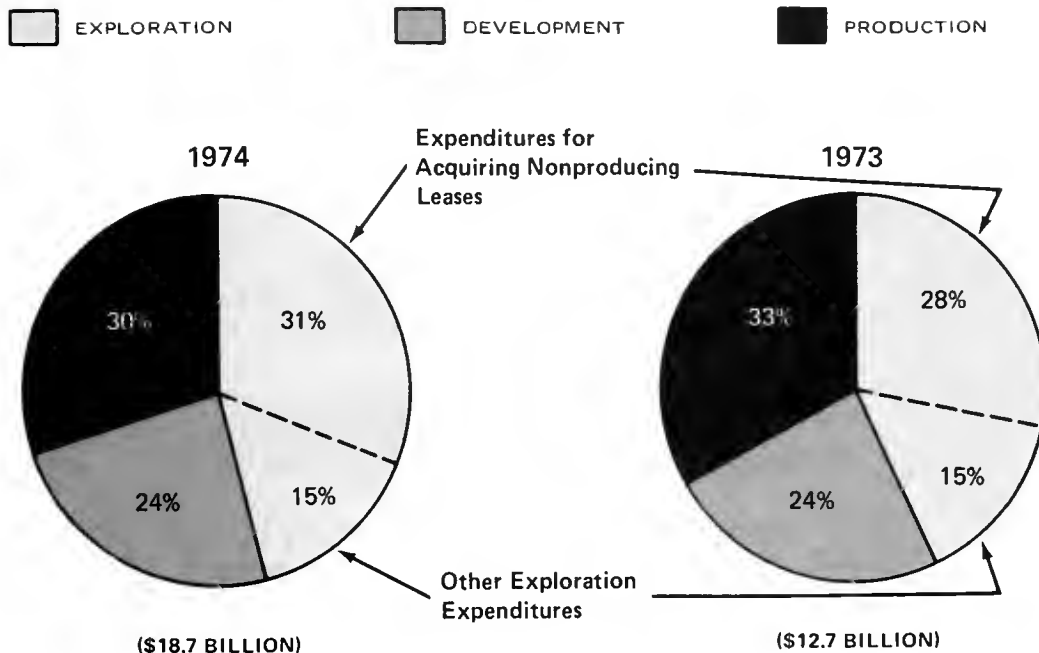


Chart G. Total Expenditures (Exploration, Development and Production)  
as a Percentage of Revenues for Companies Ranked by  
Total Lease Revenues: 1974 and 1973

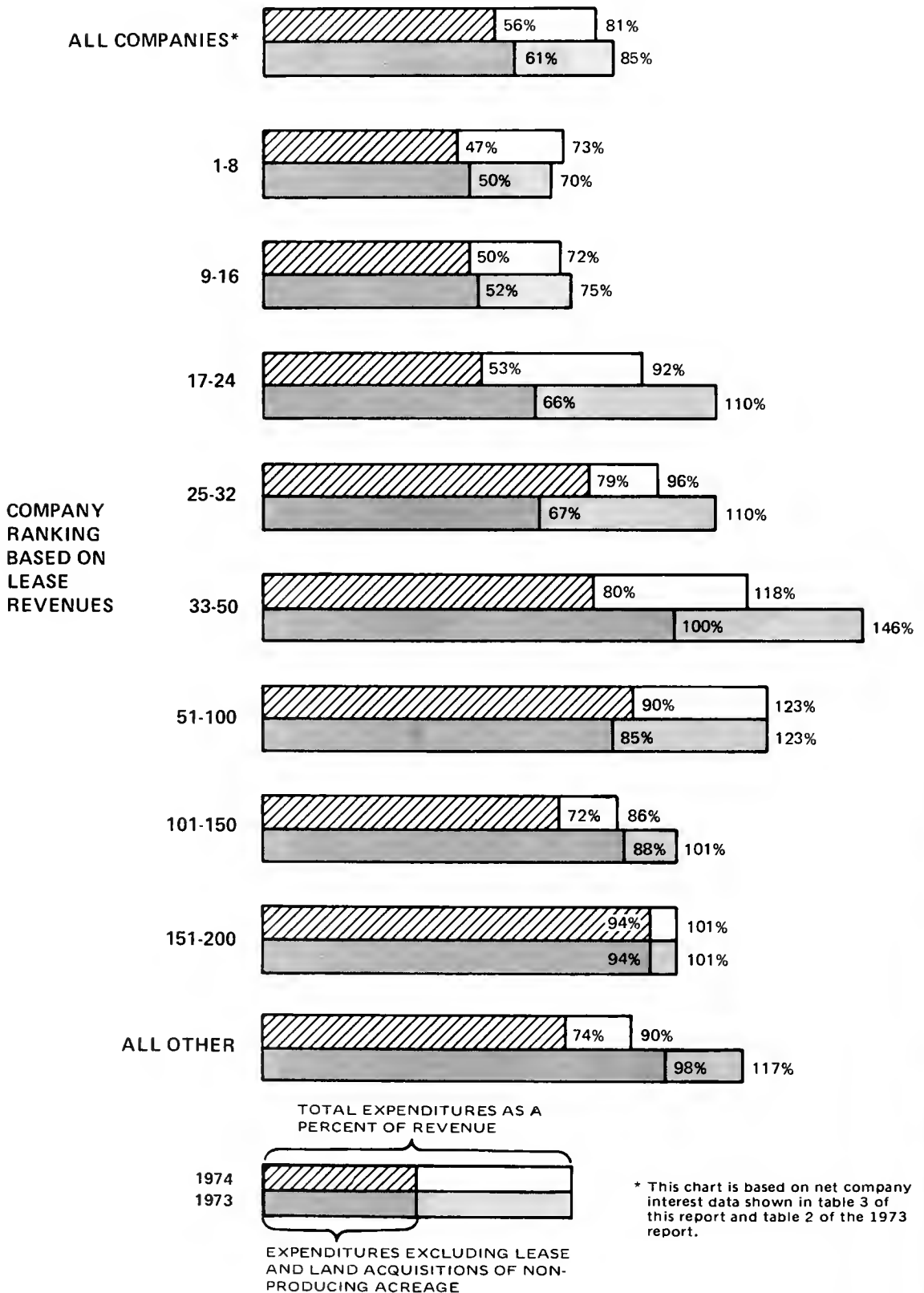
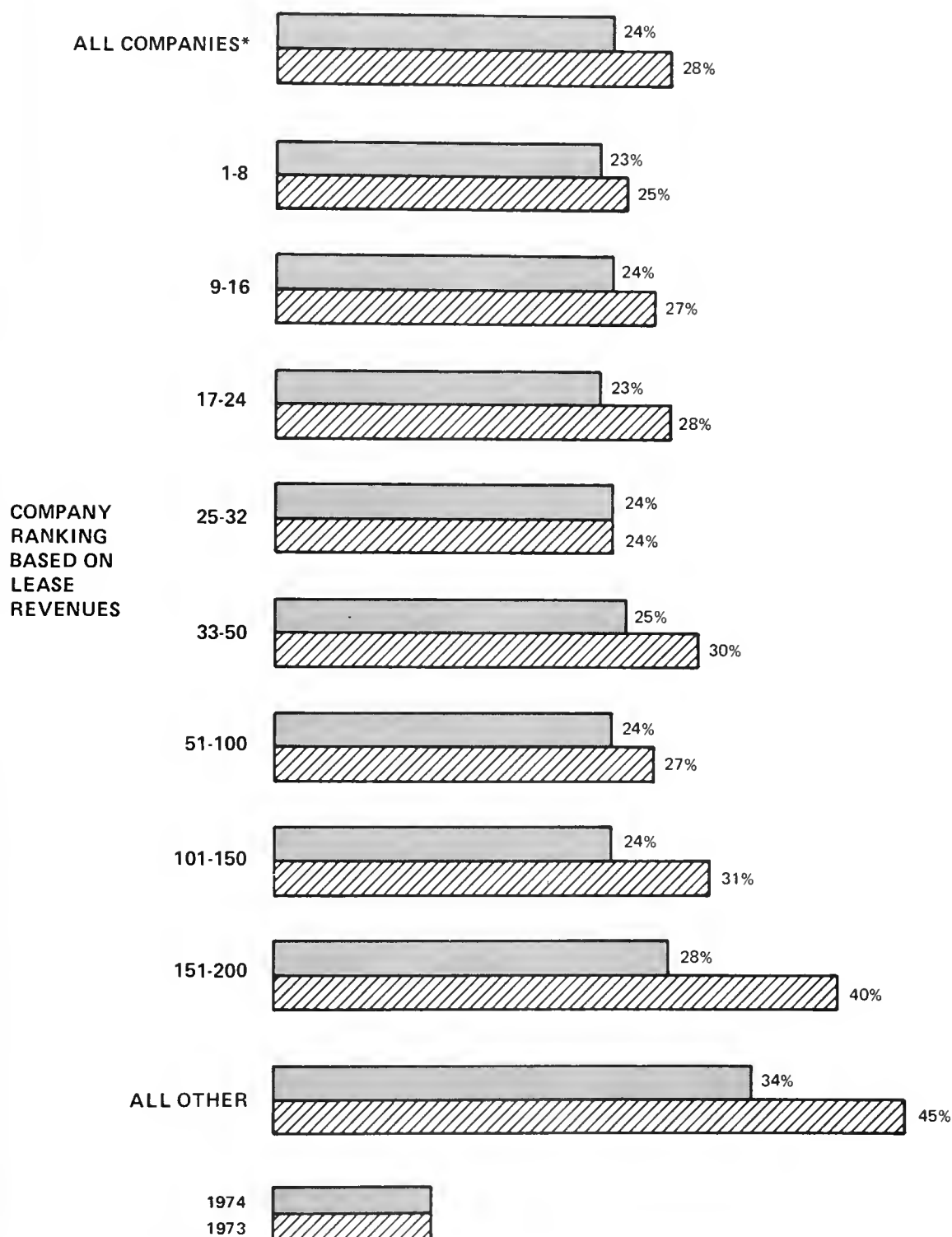


Chart H. Production Expenditures as a Percentage of Revenues for Groups of Companies Ranked by Total Lease Revenues: 1974 and 1973



\* This chart is based on net company interest data shown in table 3 of this report and table 2 of the 1973 report.

## COMPARABILITY OF NET COMPANY INTEREST TO GROSS OPERATOR BASIS STATISTICS: 1974

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated, whether for their own account or for the account of others. Net company interest basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 80 percent of gross operator basis statistics. Expenditures for drilling and equipping wells on a net company interest basis were 17 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not canvassed, e.g., results of the 1972 Census of Mineral Industries indicate that royalty interest holders account for approximately 16 percent of the average operator account.

Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table A compares 1974 sales on a net company interest and gross operator basis.

## COMPARISON OF BUREAU OF THE CENSUS TO BUREAU OF MINES STATISTICS

Differences occur between the Bureau of the Census gross operator and the Bureau of Mines statistics which are due to such causes as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude petroleum and natural gas data directly from operators of oil and gas field properties. The Bureau of mines obtains most of its production data for crude petroleum from State regulatory agencies and collects natural gas data directly from producing companies. Also production used for power and heat at leases is included in Bureau of Mines data but excluded from Bureau of the Census data. Table B provides a comparison of 1974 data from the two bureaus.

## PUBLICATION PROGRAM

This release contains final statistics covering oil and gas field exploration, development, and production activities from the 1974 Annual Survey of Oil and Gas. Where applicable, comparable figures from the 1973 ASOG and from the 1967 and 1972 Censuses of Mineral Industries are included. The 1974 survey is the second one of an annual series to be conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

Table A. COMPARISON OF GROSS OPERATOR AND NET COMPANY INTEREST STATISTICS: 1974

Reporting basis	Crude petroleum and condensate		Natural gas	
	Quantity (million barrels)	Value (million dollars)	Quantity (billion cubic feet)	Value (million dollars)
Gross operator basis.....	3,159.3	20,937.8	21,877.8	6,726.1
Net company interest basis.....	2,512.5	16,772.5	17,495.5	5,552.0
Difference between gross operator and net company interest statistics..	646.8	4,165.3	4,382.3	1,174.1



Table B. COMPARISON OF BUREAU OF THE CENSUS AND BUREAU OF MINES STATISTICS: 1974

Agency	Crude petroleum and condensate		Natural gas	
	Quantity  (million barrels)	Value  (million dollars)	Quantity  (billion cubic feet)	Value  (million dollars)
Bureau of the Census (sales--gross operator basis).....	3,159.3	20,937.8	21,877.8	6,726.1
Bureau of Mines <sup>1</sup> (production).....	3,202.6	21,580.5	<sup>2</sup> 21,600.5	6,573.4
Census-Mines ratio.....	.986	.970	1.012	1.023

<sup>1</sup>Source: U.S. Bureau of Mines, Natural Gas, annual; Petroleum Statement, monthly, April 1975.

<sup>2</sup>Marketed production represents gross withdrawals less gas used for repressuring and quantities vented or flared.

Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1974, 1973, 1972, and 1967

(Gross operator basis)								
Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales <sup>1</sup>					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volumes								
Crude petroleum and condensate <sup>2</sup>								
1974.....	Mil. bbl....	3,159.3	1,707.5	581.3	200.9	90.0	113.7	2,693.3
From stripper well leases.....	do.....	291.7	68.4	39.9	8.3	3.3	18.0	137.8
Lease condensate.....	do.....	157.6	65.5	35.4	13.5	9.4	6.1	129.9
1973.....	do.....	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
From stripper well leases.....	do.....	259.2	48.8	32.8	6.8	10.5	10.9	109.8
Lease condensate.....	do.....	165.9	80.0	26.7	22.8	4.1	8.0	141.8
1972 <sup>3</sup> .....	do.....	3,372.9	1,817.8	613.0	214.6	102.5	104.1	2,851.9
1967.....	do.....	3,043.7	1,646.6	517.0	184.0	79.4	124.8	2,551.8
Natural gas <sup>4</sup>								
1974.....	Bil. cu. ft.	21,877.8	9,860.9	4,064.7	1,445.8	1,082.9	1,084.9	17,539.1
1973.....	do.....	22,314.7	11,322.3	3,577.7	1,528.6	1,174.6	902.3	18,505.1
1972.....	do.....	21,917.2	10,607.1	3,541.5	1,772.0	1,057.4	1,218.1	18,196.1
1967.....	do.....	17,126.1	7,903.8	3,105.0	1,395.0	1,156.2	817.3	14,377.3
Lease revenues:								
Crude petroleum and condensate:								
1974.....	Mil. dol....	20,937.8	11,204.6	3,708.0	1,247.6	564.5	770.7	17,495.3
Crude petroleum: 1974.....	do.....	19,845.7	10,746.7	3,484.8	1,153.8	496.1	717.4	16,598.7
Lease condensate: 1974.....	do.....	1,092.1	457.9	223.2	93.8	68.4	53.3	896.6
Crude petroleum and condensate <sup>2</sup>								
1973.....	do.....	13,039.6	7,035.5	2,448.3	741.1	394.9	483.5	11,103.3
Crude petroleum: 1973.....	do.....	12,343.9	6,695.5	2,344.6	646.6	377.4	448.0	10,512.1
Lease condensate: 1973.....	do.....	695.7	340.0	103.7	94.5	17.5	35.5	591.2
1972.....	do.....	11,332.4	6,193.5	2,024.5	699.3	354.3	337.1	9,608.6
1967.....	do.....	8,799.6	4,888.8	1,475.0	513.9	216.2	352.4	7,456.3
Natural gas <sup>4</sup>								
1974.....	do.....	6,726.1	3,035.5	1,237.6	454.6	322.8	349.8	5,400.3
1973.....	do.....	5,064.1	2,493.1	793.6	380.0	253.8	239.0	4,159.5
1972.....	do.....	4,317.9	2,061.5	687.0	377.4	213.8	256.7	3,596.4
1967.....	do.....	2,887.5	1,340.6	501.0	240.4	178.6	176.9	2,437.5
Expenditures for drilling and equipping wells completed during the year								
1974, total.....	do.....	4,198.5	1,139.9	538.2	248.8	166.0	262.6	2,355.4
Exploration.....	do.....	1,753.5	376.1	215.5	131.1	61.2	140.1	924.0
Development.....	do.....	2,445.0	763.8	322.7	117.7	104.8	122.5	1,431.4
1973, total.....	do.....	2,889.1	877.3	347.5	202.2	118.7	240.0	1,785.6
Exploration.....	do.....	1,010.7	228.3	116.6	44.8	40.1	107.1	536.9
Development.....	do.....	1,878.4	649.0	230.9	157.4	78.6	132.9	1,248.8
Expenditures incurred during the year for drilling and equipping wells:								
1974, total.....	do.....	4,607.3	1,337.8	585.1	293.2	236.2	258.2	2,710.6
Exploration.....	do.....	1,879.9	456.7	203.7	144.6	74.0	133.7	1,012.8
Development.....	do.....	2,727.4	881.1	381.4	148.6	162.2	124.5	1,697.8
1973, total.....	do.....	3,193.8	1,094.5	367.2	221.3	122.2	266.2	2,071.5
Exploration.....	do.....	1,116.2	301.7	103.0	59.4	49.9	118.2	763.2
Development.....	do.....	2,077.6	792.8	264.2	161.9	72.3	148.0	1,439.2
Dry holes completed during the year:								
1974, total.....	do.....	1,562.2	394.7	229.1	104.4	49.1	108.0	885.4
Exploration.....	do.....	1,156.6	279.3	169.0	93.4	35.7	86.3	663.7
Development.....	do.....	405.6	115.4	60.1	11.0	13.4	21.7	221.7
1973, total.....	do.....	918.0	263.5	126.7	50.4	24.1	82.9	547.6
Exploration.....	do.....	661.1	175.4	89.3	30.1	21.1	68.1	384.0
Development.....	do.....	257.9	88.1	37.4	20.3	2.9	14.8	163.4
Oil wells completed during the year								
1974, total.....	do.....	1,338.7	459.2	163.8	53.4	15.0	71.1	762.4
Exploration.....	do.....	220.2	33.0	17.0	2.5	0.1	18.9	71.4
Development.....	do.....	1,118.5	426.2	146.8	50.9	14.9	52.2	691.0
1973, total.....	do.....	1,050.3	384.2	123.3	68.2	23.5	78.9	678.1
Exploration.....	do.....	137.1	15.2	9.0	5.9	1.4	12.0	43.4
Development.....	do.....	913.2	369.0	114.3	62.3	22.1	67.0	634.8
Gas wells completed during the year:								
1974, total.....	do.....	1,297.5	286.1	145.2	90.9	101.9	83.5	707.6
Exploration.....	do.....	376.7	63.8	29.5	35.2	25.4	35.0	188.9
Development.....	do.....	920.8	222.3	115.7	55.7	76.5	48.5	518.7
1973, total.....	do.....	920.0	229.8	97.4	83.6	71.2	78.1	560.1
Exploration.....	do.....	212.7	37.8	18.3	8.8	17.6	27.0	109.6
Development.....	do.....	707.3	192.0	79.1	74.8	53.6	51.1	450.5
Work-in-progress adjustment:								
1974, total.....	do.....	408.8	197.9	46.9	44.4	70.2	-4.4	355.2
Exploration.....	do.....	126.4	80.6	-11.8	13.5	12.8	-6.4	88.8
Development.....	do.....	282.4	117.3	58.7	30.9	57.4	2.0	266.4
1973, total.....	do.....	305.0	217.2	19.7	19.1	3.5	26.2	285.8
Exploration.....	do.....	105.6	73.4	13.5	14.5	9.8	11.1	95.4
Development.....	do.....	199.4	143.8	33.2	4.6	-6.3	15.1	190.5
Employment <sup>5</sup>								
1974.....	Thousands...	125.2	38.3	16.4	7.8	7.8	5.0	75.4
1973.....	do.....	123.5	38.3	17.5	6.5	6.9	4.8	74.0

Note: Detailed figures may not add to totals due to independent rounding.

<sup>1</sup>Revised.<sup>2</sup>1972 and 1967 statistics exclude data for secondary oil and gas field activities of establishments not classified in industry 1311, e.g., establishments classified in the oil and gas field services industries. Shipments of oil and gas by industries other than 1311 were valued at \$34.6 million in 1972 and \$33.1 million in 1967.<sup>3</sup>The value of shipments for crude petroleum and natural gas, not specified by kind, totaled \$677.3 million in the 1972 Census of Mineral Industries. For this table, this amount has been allocated to crude petroleum and natural gas and corresponding shipment quantities have been estimated based on industry averages.

Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES 1974, 1973, 1972, AND 1967--Continued

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1974.....	Mil. bbl....	54.3	63.4	2,811.0	57.4	38.0	2,906.4	252.9
From stripper well leases.....	.....do.....	6.7	10.9	155.4	11.6	8.3	175.3	116.4
Lease condensate.....	.....do.....	3.4	4.5	137.8	3.2	4.6	145.5	12.1
1973.....	.....do.....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5
From stripper well leases.....	.....do.....	6.5	8.1	124.5	11.4	6.2	142.1	117.1
Lease condensate.....	.....do.....	3.2	6.1	151.1	3.5	1.8	156.4	9.5
1972 <sup>1,2</sup> .....	.....do.....	58.2	67.3	2,977.4	65.6	46.7	3,089.8	283.1
1967.....	.....do.....	53.8	51.0	2,658.6	61.5	39.1	2,759.2	284.5
Natural gas:								
1974.....	Bil. cu. ft.	798.7	760.4	19,098.2	526.4	310.4	19,935.0	1,942.8
1973.....	.....do.....	671.5	674.1	19,450.7	500.3	283.9	20,634.9	1,680.0
1972 <sup>1</sup> .....	.....do.....	635.7	632.4	19,464.2	519.3	305.0	20,288.5	1,628.8
1967.....	.....do.....	652.1	530.4	15,559.8	368.9	224.0	16,152.7	973.4
Lease revenues								
Crude petroleum and condensate:								
1974.....	Mil. dol....	373.6	476.2	18,345.1	429.6	250.9	19,025.6	1,912.3
Crude petroleum: 1974.....	.....do.....	345.7	441.9	17,386.3	407.0	220.2	18,013.5	1,832.2
Lease condensate: 1974.....	.....do.....	27.9	34.3	958.8	22.6	30.7	1,012.1	80.0
Crude petroleum and condensate <sup>2</sup> :								
1973.....	.....do.....	245.2	252.3	11,600.9	240.3	157.4	11,998.5	1,041.1
Crude petroleum: 1973.....	.....do.....	232.2	223.9	10,968.3	225.9	149.1	11,343.3	1,000.6
Lease condensate: 1973.....	.....do.....	13.0	28.4	632.6	14.4	8.3	655.2	40.5
1972.....	.....do.....	191.8	220.3	10,020.7	213.3	156.2	10,390.2	942.2
1967.....	.....do.....	161.9	144.4	7,762.6	175.1	109.3	8,047.0	752.6
Natural gas:								
1974.....	.....do.....	273.3	220.3	5,893.9	177.7	99.6	6,171.1	555.0
1973.....	.....do.....	161.5	173.3	1,494.2	116.9	67.2	4,678.4	385.8
1972.....	.....do.....	127.3	120.0	3,843.8	102.5	56.5	4,002.8	315.1
1967.....	.....do.....	108.9	93.7	2,640.1	61.7	41.0	2,742.8	144.7
Expenditures for drilling and equipping wells completed during the year:								
1974, total.....	.....do.....	368.5	266.6	2,990.4	314.9	141.2	3,446.7	751.8
Exploration.....	.....do.....	169.1	96.2	1,189.2	89.2	75.9	1,354.4	399.1
Development.....	.....do.....	199.4	170.4	1,801.2	225.7	65.3	2,092.3	352.7
1973, total.....	.....do.....	186.0	142.2	2,113.9	132.5	78.1	2,324.4	564.7
Exploration.....	.....do.....	75.6	65.9	678.4	54.1	41.5	774.0	236.7
Development.....	.....do.....	110.4	76.4	1,435.5	78.3	36.6	1,550.4	328.0
Expenditures incurred during the year for drilling and equipping wells:								
1974, total.....	.....do.....	400.9	276.5	3,388.0	281.9	143.1	3,813.1	794.2
Exploration.....	.....do.....	188.7	99.3	1,300.8	89.8	77.9	1,468.5	411.4
Development.....	.....do.....	212.2	177.2	2,087.2	192.1	65.2	2,344.6	382.8
1973, total.....	.....do.....	175.0	151.8	2,398.3	135.4	80.0	2,613.6	580.2
Exploration.....	.....do.....	68.4	71.9	772.6	53.8	42.5	869.0	247.3
Development.....	.....do.....	106.6	79.9	1,625.7	81.5	37.5	1,744.7	333.0
Dry holes completed during the year:								
1974, total.....	.....do.....	141.0	92.2	1,118.5	87.0	58.2	1,263.6	298.6
Exploration.....	.....do.....	105.9	60.9	830.4	47.1	44.9	922.4	234.2
Development.....	.....do.....	35.1	31.3	288.1	39.9	13.3	341.2	64.4
1973, total.....	.....do.....	59.0	63.7	670.3	40.1	28.4	738.7	180.3
Exploration.....	.....do.....	42.0	42.3	468.3	27.7	23.8	519.8	141.3
Development.....	.....do.....	17.0	21.5	201.9	12.3	4.6	218.9	39.0
Oil wells completed during the year:								
1974, total.....	.....do.....	81.8	111.8	956.1	77.4	33.5	1,067.0	271.7
Exploration.....	.....do.....	14.8	19.5	105.8	16.8	9.7	132.3	87.9
Development.....	.....do.....	67.0	92.3	850.3	60.6	23.8	934.7	183.8
1973, total.....	.....do.....	46.0	35.7	559.7	45.8	24.2	629.8	220.5
Exploration.....	.....do.....	7.8	13.7	64.9	10.4	6.8	82.1	55.0
Development.....	.....do.....	38.2	22.0	494.8	35.4	17.4	547.7	165.5
Gas wells completed during the year:								
1974, total.....	.....do.....	145.5	62.7	915.9	150.6	49.5	1,115.9	181.6
Exploration.....	.....do.....	48.3	15.8	253.0	25.4	21.3	299.6	77.1
Development.....	.....do.....	97.2	46.9	662.9	125.2	28.2	816.3	104.5
1973, total.....	.....do.....	81.1	42.8	684.0	46.6	25.4	756.1	163.9
Exploration.....	.....do.....	25.8	9.9	145.3	16.1	10.9	172.3	40.4
Development.....	.....do.....	55.3	32.9	538.7	30.6	14.6	583.8	123.5
Work-in-progress adjustment:								
1974, total.....	.....do.....	32.4	9.9	397.6	-33.0	1.9	366.4	42.4
Exploration.....	.....do.....	19.6	3.1	111.6	0.6	2.0	114.1	12.3
Development.....	.....do.....	12.8	6.8	286.0	-33.6	-0.1	252.3	30.1
1973, total.....	.....do.....	-11.0	9.6	284.4	2.6	2.0	289.0	16.0
Exploration.....	.....do.....	-7.2	6.1	94.2	-0.5	1.1	94.9	10.7
Development.....	.....do.....	-3.8	3.5	190.2	3.0	0.9	194.1	5.3
Employment:								
1974.....	Thousands...	3.7	3.6	82.7	3.8	2.5	89.0	36.2
1973.....	.....do.....	4.3	2.4	80.7	4.0	1.7	86.5	37.0

Table 2.--DETAILED NET COMPANY INTEREST AND GROSS OPERATOR BASIS STATISTICS: 1974 AND 1973

Item	Unit of measure	Net company interest basis			Gross operator basis		
		1974	1973	1974/1973 relative (percent)	1974	1973	1974/1973 relative (percent)
Sales volumes:							
Crude petroleum and condensate	Mil. bbl.	2,512.5	2,643.1	95.1	3,159.3	3,347.7	94.4
From stripper well leases	do.	235.6	206.7	114.0	291.7	259.2	112.5
Lease condensate	do.	122.5	131.9	92.3	157.6	165.9	95.0
Natural gas	Bil. cu. ft.	17,495.5	18,057.3	96.9	21,877.8	22,314.7	98.0
Lease revenues	Mil. dol.	23,051.1	14,909.7	154.6	(X)	(X)	(X)
Crude petroleum and condensate	do.	16,772.5	10,345.6	162.1	20,937.8	13,039.6	160.6
Crude petroleum	do.	15,924.8	9,802.3	162.5	19,845.7	12,343.4	160.8
Lease condensate	do.	847.7	543.2	156.1	1,092.1	695.7	157.0
Natural gas	do.	5,552.0	4,058.8	136.8	6,816.1	5,064.1	134.6
Income received from oil and gas royalties	do.	651.4	438.7	148.5	(X)	(X)	(X)
Other lease revenues from producing operations	do.	75.6	66.6	113.5	(X)	(X)	(X)
Expenditures (capitalized and expensed)	do.	18,706.1	12,694.2	147.4	(X)	(X)	(X)
Exploration expenditures	do.	8,658.8	5,446.2	159.0	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup>	do.	1,580.5	944.2	167.4	1,879.9	<sup>r</sup> 1,116.2	168.4
Dry holes	do.	911.7	557.7	163.5	1,156.6	<sup>r</sup> 661.1	175.0
Oil	do.	177.5	113.4	156.5	220.2	<sup>r</sup> 137.1	160.6
Gas	do.	308.8	194.1	159.1	376.7	<sup>r</sup> 212.7	177.1
Work-in-progress adjustment	do.	182.5	79.2	230.4	126.4	<sup>r</sup> 105.6	119.7
Lease and land acquisitions of nonproducing acreage	do.	5,774.0	3,552.0	162.6	(X)	(X)	(X)
Land department, leasing and scouting	do.	90.6	76.5	118.4	(X)	(X)	(X)
Geological and geophysical	do.	567.6	399.5	144.3	(X)	(X)	(X)
Lease rents	do.	177.8	150.7	118.0	(X)	(X)	(X)
Test hole contributions	do.	8.9	13.8	64.5	(X)	(X)	(X)
Other exploration expenditures, including direct overhead	do.	168.6	106.0	159.1	(X)	(X)	(X)
General and administrative overhead not reported elsewhere	do.	290.9	203.6	142.9	(X)	(X)	(X)
Development expenditures	do.	1,413.1	3,039.3	145.2	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup>	do.	2,265.2	1,766.8	128.2	2,727.4	<sup>r</sup> 2,077.6	131.3
Dry holes	do.	305.2	225.7	135.2	405.6	<sup>r</sup> 257.9	157.3
Oil	do.	984.6	788.1	124.9	1,118.5	<sup>r</sup> 913.2	122.5
Gas	do.	745.8	623.6	119.6	920.8	<sup>r</sup> 707.3	130.2
Work-in-progress adjustment	do.	229.6	129.5	177.3	282.4	<sup>r</sup> 199.4	141.6
Lease equipment	do.	824.1	572.2	144.0	(X)	(X)	(X)
Lease and land acquisitions of producing acreage	do.	474.0	183.1	258.9	(X)	(X)	(X)
Other development expenditures, including direct overhead	do.	625.4	352.5	177.4	(X)	(X)	(X)
General and administrative overhead not reported elsewhere	do.	224.4	164.6	136.3	(X)	(X)	(X)
Production expenditures	do.	5,634.2	4,208.5	133.9	(X)	(X)	(X)
Direct operating expenditures	do.	3,246.4	2,593.6	125.2	(X)	(X)	(X)
Operating and maintenance	do.	2,577.1	2,071.2	124.4	(X)	(X)	(X)
Well workovers	do.	441.3	341.6	129.2	(X)	(X)	(X)
Other direct expenses	do.	228.0	180.7	126.2	(X)	(X)	(X)
Indirect operating expenditures	do.	2,387.7	1,615.0	147.8	(X)	(X)	(X)
Taxes (excluding income taxes)	do.	1,534.1	924.6	165.9	(X)	(X)	(X)
General and administration overhead	do.	601.4	496.8	121.1	(X)	(X)	(X)
Other indirect expenses	do.	252.1	193.5	130.3	(X)	(X)	(X)
Gross book value of fixed assets	do.	65,944.4	55,468.7	118.9	(X)	(X)	(X)
Oil and gas field properties	do.	64,543.7	54,484.0	118.5	(X)	(X)	(X)
Nonproducing properties	do.	14,062.8	8,871.0	158.5	(X)	(X)	(X)
Producing properties	do.	48,040.5	44,280.1	108.5	(X)	(X)	(X)
Work-in-progress	do.	2,440.3	1,332.9	183.1	(X)	(X)	(X)
Buildings, other structures, and machinery	do.	1,400.7	984.6	142.3	(X)	(X)	(X)
Employment	Thousands	(X)	(X)	(X)	125.2	<sup>r</sup> 123.5	101.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. <sup>r</sup>Revised. (X) Not applicable.<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 3.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1974

(Net company interest basis)							
Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,512.5	1,329.6	504.0	137.6	71.7	65.1
From stripper well leases...	do.....	235.6	56.3	32.2	6.3	6.5	14.8
Lease condensate.....	do.....	122.5	56.0	20.3	14.4	5.8	5.3
Natural gas.....	Bil. cu. ft.	17,485.5	8,197.1	2,977.5	1,125.7	462.4	1,226.4
Lease revenues							
Crude petroleum and condensate.....	Mil. dol.	22,051.4	11,619.4	4,175.3	1,417.7	625.1	876.8
Crude petroleum.....	do.....	16,772.5	8,809.0	3,162.9	932.7	461.4	470.4
Lease condensate.....	do.....	15,924.8	8,422.8	3,030.0	835.2	421.4	427.8
Natural gas.....	do.....	847.7	386.2	132.9	97.5	40.0	42.6
Income received from oil and gas royalties.....	do.....	5,552.0	2,635.2	916.9	364.5	143.1	368.6
Other lease revenues from producing operations.....	do.....	651.4	164.8	79.2	112.7	17.8	36.3
	do.....	75.6	10.4	16.3	7.9	2.9	1.4
Expenditures (capitalized and expensed)							
Exploration expenditures.....	do.....	18,706.1	8,501.2	3,007.7	1,307.2	602.5	1,033.0
Drilling and equipping wells <sup>1</sup>	do.....	8,658.8	1,072.3	1,320.0	710.8	224.6	565.7
Dry holes.....	do.....	1,580.5	394.5	172.4	83.2	69.5	155.2
Oil.....	do.....	911.7	245.4	111.2	65.2	36.3	92.9
Gas.....	do.....	177.5	31.9	12.9	2.9	4.1	7.1
Work-in-progress adjustment.....	do.....	308.8	54.4	25.3	14.0	17.4	39.6
Lease and land acquisitions of nonproducing acreage.....	do.....	182.5	62.7	22.9	1.2	11.8	15.6
Land department, leasing and scouting.....	do.....	5,774.0	3,028.5	935.2	548.8	106.5	335.7
Geological and geophysical.....	do.....	90.6	28.4	17.3	6.1	9.0	5.1
Lease rents.....	do.....	567.6	330.3	95.6	39.8	17.6	24.2
Test hole contributions.....	do.....	177.8	68.6	23.1	10.4	6.2	14.2
Other exploration expenditures, including direct overhead.....	do.....	8.9	4.3	1.3	0.5	0.1	0.7
General and administrative overhead not reported elsewhere.....	do.....	168.6	73.2	26.5	10.8	9.5	10.5
Development expenditures.....	do.....	290.9	144.5	48.7	11.2	6.2	20.1
Drilling and equipping wells <sup>1</sup>	do.....	4,413.1	1,781.1	695.6	267.2	226.7	251.3
Dry holes.....	do.....	2,265.2	878.9	281.2	145.2	72.6	186.8
Oil.....	do.....	305.2	113.2	39.8	19.7	7.7	23.4
Gas.....	do.....	984.6	423.1	117.3	65.7	19.9	49.2
Work-in-progress adjustment.....	do.....	745.8	215.3	80.4	62.8	22.8	93.8
Lease equipment.....	do.....	229.6	127.3	43.7	-2.9	22.2	20.3
Lease and land acquisitions of producing acreage.....	do.....	824.1	389.0	134.3	77.8	18.0	32.2
Other development expenditures, including direct overhead.....	do.....	474.0	83.3	159.9	7.4		5.9
General and administrative overhead not reported elsewhere.....	do.....	625.4	333.8	85.4	154.8		11.5
Production expenditures.....	do.....	224.4	96.1	34.8	18.0		14.9
Direct operating expenditures	do.....	5,634.2	2,647.8	992.1	329.2	151.3	215.9
Operating and maintenance	do.....	3,246.4	1,426.0	575.2	215.4	90.4	131.3
Workovers.....	do.....	2,577.1	1,052.4	469.5	194.5	75.2	113.1
Other direct expenses.....	do.....	441.3	244.2	82.4	20.9	15.1	12.5
Indirect operating expenditures.....	do.....	228.0	129.4	23.3			5.8
Taxes (excluding income taxes).....	do.....	2,387.7	1,221.8	416.8	113.7	60.9	84.6
General and administration overhead.....	do.....	1,534.1	840.1	286.7	87.4	46.9	52.4
Other indirect expenses ..	do.....	601.4	263.3	74.7	26.3	6.9	32.2
	do.....	252.1	118.4	55.5		7.1	
Gross book value of fixed assets							
Oil and gas field properties.....	do.....	65,944.4	31,036.5	11,185.4	4,692.0	2,491.3	3,794.9
Nonproducing properties.....	do.....	64,543.7	30,474.7	11,066.1	4,629.2	2,434.9	3,725.2
Producing properties.....	do.....	14,062.8	6,494.5	2,417.8	894.3	410.6	1,039.0
Work-in-progress.....	do.....	48,040.5	23,225.9	8,435.4	3,169.4	1,659.2	2,538.6
Buildings, other structures, and machinery.....	do.....	2,440.3	754.4	212.9	565.5	365.1	147.6
	do.....	1,400.7	561.8	119.3	62.8	56.3	69.7

See footnotes at end of table.

Table 3.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1974--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate	Mill. bbl...	2,108.0	42.5	51.0	2,201.5	51.0	24.2	2,276.8	235.6
From stripper well leases	...do....	116.1	3.6	6.4	126.1	7.9	6.8	140.8	94.7
Lease condensate	...do....	101.8	3.1	3.2	108.1	2.6	1.7	112.3	10.2
Natural gas	Bill. cu. ft.	13,989.1	675.2	445.1	15,109.5	340.1	212.1	15,661.7	1,833.8
Lease revenues	Mill. dol...	18,714.3	510.4	548.1	19,772.7	500.7	260.9	20,534.4	2,517.0
Crude petroleum and condensate	...do....	13,836.4	269.3	367.0	14,472.7	360.7	181.4	15,014.8	1,757.6
Crude petroleum	...do....	13,137.2	246.0	342.9	13,726.1	342.1	168.8	14,236.9	1,687.9
Lease condensate	...do....	699.2	23.3	24.2	746.6	18.7	12.7	777.9	69.8
Natural gas	...do....	4,128.2	214.3	154.1	4,796.6	107.2	69.8	4,973.7	578.4
Income received from oil and gas royalties	...do....	410.7	24.9	25.8	461.4	25.0	6.5	493.0	158.4
Other lease revenues from producing operations	...do....	39.0	1.9	1.2	42.0	7.8	3.1	52.9	22.7
Expenditures (capitalized and expensed)	...do....	14,451.6	726.4	572.8	15,750.8	431.5	264.1	16,446.5	2,259.6
Exploration expenditures	...do....	6,893.4	364.8	206.2	7,464.4	175.6	86.1	7,726.0	932.9
Drilling and equipping wells <sup>1</sup>	...do....	874.8	83.1	65.0	1,022.9	76.6	49.4	1,148.8	431.8
Dry holes	...do....	551.1	52.4	38.1	641.5	40.8	23.9	706.2	205.5
Oil	...do....	58.9	6.0	13.7	78.6	17.4	10.7	106.6	70.9
Gas	...do....	150.7	18.5	7.3	176.5	17.0	14.2	207.6	101.2
Work-in-progress adjustment	...do....	114.2	6.2	5.9	126.3	1.5	0.6	128.3	54.2
Lease and land acquisitions of nonproducing acreage	...do....	4,954.7	236.9	106.3	5,298.0	69.1	20.1	5,387.3	386.7
Land department, leasing and scouting	...do....	65.9	5.7	2.8	74.4	4.6	2.2	81.1	9.4
Geological and geophysical	...do....	507.5	12.3	10.1	529.8	9.2	5.1	544.1	23.5
Lease rents	...do....	122.4	9.9	8.6	140.9	5.5	3.8	150.3	27.5
Test hole contributions	...do....	6.9	0.2	0.4	7.5	0.1	0.1	7.6	1.3
Other exploration expenditures, including direct overhead	...do....	130.5	11.2	2.9	144.6	4.8	1.7	151.2	17.4
General and administrative overhead not reported elsewhere	...do....	230.7	5.5	10.0	246.3	5.8	3.5	255.6	35.4
Development expenditures	...do....	3,221.9	231.7	245.7	3,699.3	136.9	104.8	3,940.9	472.2
Drilling and equipping wells <sup>1</sup>	...do....	1,564.6	74.4	164.6	1,803.7	88.6	52.8	1,945.0	320.2
Dry holes	...do....	203.9	10.5	14.5	228.9	14.1	10.9	253.9	51.3
Oil	...do....	675.1	29.7	98.1	802.9	38.7	17.5	859.1	125.5
Gas	...do....	475.0	29.2	45.1	549.3	30.7	28.5	608.6	137.2
Work-in-progress adjustment	...do....	210.6	5.0	7.0	222.6	5.1	-4.2	223.5	6.1
Lease equipment	...do....	651.4	24.7	37.0	713.1	22.9	14.6	750.6	73.5
Lease and land acquisitions of producing acreage	...do....	256.5	111.3	30.2	398.0	18.1	31.5	447.5	26.5
Other development expenditures, including direct overhead	...do....	585.5	17.1	4.0	606.7	2.9	2.7	612.3	13.1
General and administrative overhead not reported elsewhere	...do....	163.8	4.2	9.9	177.9	4.3	3.3	185.5	38.9
Production expenditures	...do....	1,336.2	129.9	120.9	1,587.1	119.1	73.3	1,779.5	854.7
Direct operating expenditures	...do....	2,438.4	68.9	76.1	2,583.4	76.1	42.9	2,702.4	544.0
Operating and maintenance	...do....	1,904.7	55.0	65.3	2,025.0	63.4	37.4	2,125.8	451.3
Workovers	...do....	361.5	6.9	8.1	376.5	7.0	3.3	386.7	54.5
Other direct expenses	...do....	172.1	7.0	2.8	181.9	5.8	2.2	189.9	38.1
Indirect operating expenditures	...do....	1,897.8	61.0	44.8	2,003.6	43.0	30.4	2,077.1	310.7
Taxes (excluding income taxes)	...do....	1,313.4	35.5	27.8	1,376.7	25.8	13.3	1,415.8	118.3
General and administration overhead	...do....	392.8	16.8	13.2	422.8	12.6	12.5	447.9	153.5
Other indirect expenses	...do....	191.6	8.8	3.8	204.1	4.6	4.6	213.3	38.8
Gross book value of fixed assets	...do....	53,200.1	2,132.1	1,841.5	57,173.7	1,297.0	749.5	59,220.2	6,724.2
Oil and gas field properties	...do....	52,330.2	2,088.2	1,772.0	56,190.4	1,271.3	712.5	58,174.2	6,369.5
Nonproducing properties	...do....	11,256.2	453.5	360.0	12,069.7	306.9	130.2	12,506.8	1,556.0
Producing properties	...do....	39,028.5	1,529.7	1,352.7	41,910.9	940.7	571.3	43,423.0	4,617.6
Work-in-progress	...do....	2,045.5	105.0	59.3	2,209.8	23.6	11.0	2,244.4	195.9
Buildings, other structures, and machinery	...do....	870.0	43.9	69.5	983.3	25.7	37.0	1,046.0	354.8

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 4.--DETAILED STATISTICS BY GEOGRAPHICAL AREA AND BY OPERATOR: 1974

(Net company interest base)

Item	Unit of measure	Total United States	Geographical area				Operator	
			Alaska		Lower 48		Owner-operated properties	Non-owner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Sales volumes:								
Crude petroleum and condensate	Mil. bbl...	2,512.5	9.0	53.3	2,108.0	342.1	1,845.3	667.1
From stripper well leases	....do....	235.6	-	-	233.5	2.1	196.9	38.6
Lease condensate	....do....	122.5	-	-	91.6	30.9	86.5	35.9
Natural gas	Bil. cu. ft	17,495.5	111.9	-	14,207.6	3,176.0	12,721.3	4,774.2
Lease revenues	Mil. dol...	23,051.4	328.9	-	19,517.2	3,205.3	16,341.3	6,707.0
Crude petroleum and condensate	....do....	16,773.5	52.7	254.5	14,236.9	2,228.4	12,345.6	4,426.9
Crude petroleum	....do....	15,924.8	52.7	254.5	13,602.4	2,015.2	11,742.9	4,181.8
Lease condensate	....do....	847.7	-	-	634.5	213.2	602.7	245.0
Natural gas	....do....	5,552.0	20.1	-	4,568.4	963.5	3,938.9	1,613.1
Income received from oil and gas royalties	....do....	651.4	0.3	-	640.0	11.0	X	651.4
Other lease revenues from producing operations	....do....	75.6	1.2	-	71.9	2.4	59.8	15.8
Expenditures (capitalized and expensed)	....do....	18,706.1	X	X	X	X	X	X
Exploration expenditures	....do....	8,658.8	X	X	X	X	X	X
Drilling and equipping wells <sup>1</sup>	....do....	1,580.5	53.9	-	1,164.4	362.3	996.4	584.1
Dry holes	....do....	911.7	28.0	-	620.4	263.3	588.3	323.4
Oil	....do....	177.5	0.1	-	164.1	13.4	119.6	57.9
Gas	....do....	308.8	-	-	265.0	43.8	197.0	111.8
Work-in-progress adjustment	....do....	182.5	25.8	-	115.0	41.8	91.4	91.1
Lease and land acquisitions of nonproducing acreage	....do....	5,774.0	8.9	-	740.7	5,024.3	X	X
Land department, leasing and scouting	....do....	90.6	1.5	Z	80.3	8.9	X	X
Geological and geophysical	....do....	567.6	52.2	18.0	357.2	140.1	X	X
Lease rents	....do....	177.8	2.8	0.4	159.8	14.7	X	X
Test hole contributions	....do....	8.9	Z	-	7.9	1.0	X	X
Other exploration expenditures, including direct overhead	....do....	168.6	X	X	X	X	X	X
General and administrative overhead not reported elsewhere	....do....	290.9	X	(X)	X	X	X	X
Development expenditures	....do....	4,413.1	X	X	(X)	X	X	X
Drilling and equipping wells <sup>1</sup>	....do....	2,265.2	35.8	13.4	1,720.2	495.8	1,687.0	578.2
Dry holes	....do....	305.2	D	D	233.1	D	229.9	75.3
Oil	....do....	94.6	D	D	818.1	D	774.7	209.9
Gas	....do....	745.8	4.5	-	585.7	155.7	502.7	243.0
Work-in-progress adjustment	....do....	229.6	26.8	3.1	83.4	116.4	179.6	50.0
Lease equipment	....do....	824.1	D	D	593.0	D	X	X
Lease and land acquisitions of producing acreage	....do....	474.0	-	-	428.0	46.0	1,197.9	725.6
Other development expenditures, including direct overhead	....do....	625.4	X	X	X	X	X	X
General and administrative overhead not reported elsewhere	....do....	224.4	X	X	X	X	X	X
Production expenditures	....do....	5,634.2	X	X	X	X	X	X
Direct operating expenditures	....do....	3,246.4	13.5	45.0	2,738.7	449.2	2,470.5	775.9
Operating and maintenance	....do....	2,577.1	10.4	36.1	2,211.7	318.9	X	X
Workovers	....do....	441.3	7.5	-	360.1	73.7	X	X
Other direct expenses	....do....	228.0	4.5	-	166.8	56.7	X	X
Indirect operating expenditures	....do....	2,387.7	X	X	X	X	X	X
Taxes (excluding income taxes)	....do....	1,534.1	17.6	16.5	1,415.1	84.8	1,133.5	400.6
General and administration overhead	....do....	601.4	X	(X)	X	X	X	X
Other indirect expenses	....do....	252.1	3.0	-	214.8	33.3	205.3	46.7
Gross book value of fixed assets	....do....	65,944.4	1,501.5	761.3	42,468.8	21,212.8	X	X
Oil and gas field properties	....do....	64,543.7	1,410.9	759.2	41,255.2	21,118.5	X	X
Nonproducing properties	....do....	14,062.8	585.9	156.5	3,329.0	9,991.5	X	X
Producing properties	....do....	48,040.5	417.5	583.6	36,792.5	10,247.0	X	X
Work-in-progress	....do....	2,440.3	407.5	19.1	1,133.7	880.1	X	X
Buildings, other structures, and machinery	....do....	1,400.7	90.6	2.2	1,213.6	94.3	X	X

Note. Detailed figures may not add to totals because of independent rounding.

D/ Withheld to avoid disclosing figures for individual companies. - Represents zero. X/ Not applicable. Z/ Less than half of the unit of measurement shown under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment which may be negative is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 4.--DETAILED STATISTICS BY GEOGRAPHICAL AREA: 1974--Continued

Revised 1973 figures

Item	Total United States	Alaska		Lower 48 States	
		Onshore	Offshore	Onshore	Offshore
Gross book value of fixed assets.....	55,468.7	1,220.7	727.8	38,604.7	14,915.5
Oil and gas field properties.....	54,484.0	1,189.1	725.6	37,734.2	14,835.1
Nonproducing properties.....	8,871.0	582.2	144.9	2,514.7	5,629.2
Producing properties.....	44,280.1	324.1	574.6	34,534.9	8,846.4
Work-in-progress.....	1,332.9	282.8	6.0	684.6	359.5
Buildings, other structures, and machinery.....	984.6	31.7	2.2	870.4	80.4



Table 5.--DETAILED STATISTICS BY LEASE CLASSIFICATION AND TOTAL LEASE REVENUES RANK: 1974

(Net company interest basis)							
Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
PART I, OIL LEASES							
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	1,847.2	972.4	375.3	168.7	130.8	200.0
From stripper well leases...	....do....	203.8	44.0	28.2	21.6	21.1	88.9
Natural gas.....	811. cu.ft.	1,821.2	955.6	290.1	164.8	142.1	268.6
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol...	12,322.6	6,425.2	2,347.1	1,135.8	901.9	1,512.6
Crude petroleum.....	....do....	12,322.6	6,425.2	2,347.1	1,135.8	901.9	1,512.6
Natural gas.....	....do....	629.7	343.9	102.6	57.4	52.9	72.9
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	2470.5	154.3	30.2	41.6	89.2	155.2
Dry holes.....	....do....	2258.1	86.5	15.8	23.7	46.2	85.9
Oil.....	....do....	158.3	28.6	10.7	11.8	42.6	64.6
Work-in-progress adjustment.....	....do....	254.0	39.2	3.7	6.1	0.3	4.7
Development expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	1,001.8	429.2	135.3	117.7	175.8	143.8
Dry holes.....	....do....	99.0	35.9	11.3	10.1	15.4	26.3
Oil.....	....do....	778.1	311.9	93.6	102.1	157.1	113.4
Work-in-progress adjustment.....	....do....	124.7	81.4	30.5	5.5	3.3	4.0
Production expenditures:							
Direct operating expenditures	....do....	2,096.4	913.1	384.8	248.4	165.3	384.8
Operating and maintenance...	....do....	1,700.4	700.0	322.8	218.7	140.4	318.5
Workovers.....	....do....	231.7	111.5	62.1	29.7	14.1	40.9
Other direct expenses.....	....do....	164.3	101.6			10.8	25.3
PART II, GAS LEASES							
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	84.2	34.8	13.0	18.2	9.0	9.2
From stripper well leases...	....do....	4.5	0.9	0.7	1.7	0.9	0.3
Lease condensate.....	....do....	84.2	34.8	13.0	18.2	9.0	9.2
Natural gas.....	811. cu.ft.	10,954.1	4,400.8	1,861.7	2,222.3	1,232.5	1,236.8
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol...	579.3	238.6	86.7	126.8	64.6	62.6
Lease condensate.....	....do....	579.3	238.6	86.7	126.8	64.6	62.6
Natural gas.....	....do....	3,435.0	1,449.3	532.6	669.8	395.0	388.3
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	2661.4	131.3	73.0	166.8	118.0	172.3
Dry holes.....	....do....	2334.4	86.1	33.9	86.8	60.0	72.5
Gas.....	....do....	275.1	50.7	25.0	63.5	50.9	85.0
Work-in-progress adjustment.....	....do....	247.1	-5.5	14.0	16.5	7.2	14.9
Development expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	809.4	225.9	99.5	200.1	153.0	130.9
Dry holes.....	....do....	141.6	49.1	16.6	28.5	28.4	19.0
Gas.....	....do....	623.7	167.0	70.6	159.6	118.0	108.4
Work-in-progress adjustment.....	....do....	44.1	9.8	12.3	11.9	6.5	3.6
Production expenditures:							
Direct operating expenditures	....do....	452.3	134.9	71.3	99.8	60.6	85.7
Operating and maintenance...	....do....	355.5	95.8	49.1	85.2	48.7	76.7
Workovers.....	....do....	62.0	20.9	18.0	10.7	7.0	5.4
Other direct expenses.....	....do....	34.8	18.2	4.2	3.9	4.9	3.6

See footnotes at end of table.

Table 5 --DETAILED STATISTICS BY LEASE CLASSIFICATION AND TOTAL LEASE REVENUES RANK: 1974--Continued

(Net company interest basis)

Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
PART III, COMBINED LEASES							
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	581.0	322.4	115.7	87.6	29.0	26.3
From stripper well leases...	....do....	27.2	11.4	3.3	4.3	2.7	5.5
Lease condensate.....	....do....	38.3	21.2	7.2	7.5	1.7	0.7
Natural gas.....	Bil. cu.ft.	4,720.1	2,840.7	825.7	427.5	297.9	328.3
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol...	3,870.6	2,145.2	729.1	601.7	212.0	182.6
Crude petroleum.....	....do....	3,602.4	1,997.6	682.9	548.5	197.9	175.4
Lease condensate.....	....do....	268.3	147.6	46.1	53.2	14.1	7.3
Natural gas. . . . .	..do	1,487.3	842.0	281.7	149.0	97.5	117.1
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	<sup>2</sup> 280.9	48.5	30.8	67.9	46.5	87.2
Dry holes.....	....do....	<sup>2</sup> 164.0	19.7	27.8	54.4	31.1	31.0
Oil.....	....do....	19.2	28.8	3.1	2.2	5.1	6.3
Gas.....	....do....	33.7			7.5	6.1	16.2
Work-in-progress adjustment.....	....do....	<sup>2</sup> 64.0			3.8	4.1	33.7
Development expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	454.0	223.8	46.3	86.8	51.6	45.5
Dry holes.....	....do....	64.6	28.2	11.9	12.3	6.3	5.9
Oil.....	....do....	206.4	111.2	23.7	32.7	26.8	12.0
Gas.....	....do....	122.1	48.3	9.8	19.7	15.5	28.8
Work-in-progress adjustment.....	....do....	60.8	36.1	0.9	22.1	3.0	-1.3
Production expenditures:							
Direct operating expenditures	....do....	697.7	378.0	119.1	88.9	38.0	73.7
Operating and maintenance...	....do....	521.4	256.4	97.6	79.1	31.9	56.4
Workovers.....	....do....	147.5	111.8	21.5	9.8	4.1	8.3
Other direct expenses.....	....do....	28.8	9.7			2.0	9.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

<sup>2</sup>The detail of this table does not add to the totals presented for these items in other net company interest basis tables since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

Table 6.--DETAILED STATISTICS GROUPED BY THE RATIO OF NET OIL AND GAS REVENUES TO GROSS BOOK VALUE OF FIXED ASSETS: 1974

(Net company interest basis)

Item	Unit of Measure	Total United States	Companies grouped by selected size-class <sup>1</sup>								
			.000 or negative	.001-.199	.200-.249	.250-.299	.300-.349	.350-.449	.450-.499	.500-.599	.600 and over
Sales volumes:											
Crude petroleum and condensate	Mil. bbl...	2,512.5	9.3	399.6	754.3	271.0	442.3	463.2	16.2	34.7	121.8
From stripper well leases...	...do....	235.6	4.1	51.2	58.1	23.3	14.2	28.6	4.5	8.4	43.3
Lease condensate...	...do....	122.5	0.7	27.6	38.8	9.9	16.0	23.9	0.7	0.6	4.3
Natural gas.....	811 cu. ft	17,495.5	149.3	4,091.5	5,039.5	1,803.9	2,124.4	3,535.7	145.3	100.4	505.5
Lease revenues											
Crude petroleum and condensate	Mil. dol...	23,051.4	117.6	4,096.5	6,486.7	2,480.6	3,955.8	4,292.3	157.2	288.8	1,176.0
Crude petroleum.....	...do....	16,772.5	62.1	2,635.9	4,824.5	1,802.0	3,074.2	3,071.0	117.8	236.4	948.5
Crude petroleum.....	...do....	15,924.8	57.6	2,438.1	4,558.9	1,734.3	2,963.1	2,909.6	112.8	232.2	918.2
Lease condensate.....	...do....	847.7	4.5	197.8	265.6	67.7	111.1	161.5	5.1	4.2	30.3
Natural gas.....	...do....	5,552.0	28.0	1,245.2	1,526.9	602.0	736.0	1,138.6	33.3	34.4	207.6
Income received from oil and gas royalties.....	...do....	651.4	27.5	196.2	107.3	70.1	140.2	76.7	4.7	18.0	15.7
Other lease revenues from producing operations.....	...do....	75.6		19.3	28.0	6.5	5.4	6.0	1.3		4.2
Expenditures (capitalized and expensed)											
Exploration expenditures.....	...do....	18,706.1	238.4	5,014.9	5,295.5	1,873.2	2,840.7	2,574.3	99.9	177.7	591.5
Drilling and equipping wells <sup>2</sup>	...do....	8,658.8	87.0	2,473.2	2,526.1	824.1	1,414.3	1,066.1	37.1	66.1	164.9
Dry holes.....	...do....	1,580.5	41.6	555.1	298.8	132.7	194.7	198.3	24.2	20.8	114.3
Oil.....	...do....	911.7	24.3	301.1	177.8	79.6	123.1	122.9	11.7	14.0	57.1
Gas.....	...do....	177.5	17.2	35.5	44.9	12.1	19.1	17.7	12.4	3.8	31.9
Work-in-progress adjustment.....	...do....	308.8		129.0	40.9	17.5	39.2	38.1		26.7	
Lease and land acquisitions of nonproducing acreage.....	...do....	182.5	0.1	89.5	35.2	23.5	13.3	19.6	3.0	-1.4	
Land department, leasing and scouting.....	...do....	5,774.0	36.6	1,619.2	1,906.6	517.4	942.5	692.1	6.9	29.6	23.0
Geological and geophysical.....	...do....	90.6	2.8	24.1	26.3	12.4	8.9	13.3	2.5	2.4	2.2
Lease rents.....	...do....	567.6		115.8	163.6	73.4	131.6	69.0		4.9	5.0
Test hole contributions.....	...do....	177.8	1.3	50.8	39.1	17.4	18.2	18.2	1.9	2.8	7.5
Other exploration expenditures, including direct overhead.....	...do....	8.9	-	2.2	1.7	0.7		0.9		(2)	0.5
General and administrative overhead not reported elsewhere.....	...do....	168.6	0.5	51.4	44.7	9.5	136.6	22.9	0.5	3.7	
Development expenditures.....	...do....	290.9	4.2	54.6	45.3	60.6		51.5			1.2
Drilling and equipping wells <sup>2</sup>	...do....	4,413.1	40.2	1,382.7	1,152.1	481.5	548.7	599.2	14.4	38.0	156.3
Dry holes.....	...do....	2,265.2	16.8	709.3	626.0	255.3	284.5	234.5	9.5	25.5	103.9
Oil.....	...do....	305.2	16.8	103.8	76.3	35.6	34.7	31.6	5.0	4.4	16.2
Gas.....	...do....	984.6		248.0	296.6	130.8	115.4	102.2		12.6	63.2
Work-in-progress adjustment.....	...do....	745.8	16.8	329.5	176.7	50.8	134.4	74.6	4.5	8.5	23.3
Lease equipment.....	...do....	229.6		27.9	76.3	38.1		26.0		(2)	(2)
Lease and land acquisitions of producing acreage.....	...do....	824.1	9.7	180.0	214.9	121.9	105.3	3.6	3.6	8.4	35.0
Other development expenditures, including direct overhead.....	...do....	474.0		189.8	133.5	16.2		223.9		0.6	0.7
General and administrative overhead not reported elsewhere.....	...do....	625.4	13.7	247.2	119.7	49.4	252.3	0.4	0.4	1.2	7.5
Production expenditures.....	...do....	224.4		56.4	58.1	38.7		11.9		35.5	0.3
Direct operating expenditures	...do....	5,634.2	111.3	1,159.1	1,617.2	567.5	877.8	908.9	48.4	73.6	270.4
Operating and maintenance.....	...do....	3,246.4	55.3	745.9	949.9	318.9	498.6	418.7	30.5	50.3	178.4
Workovers.....	...do....	2,577.1	45.4	593.2	749.1	265.9	377.1	335.4	27.8	46.4	136.9
Other direct expenses.....	...do....	441.3	9.9	80.7	170.8	53.0	121.5	68.0	2.2	2.5	22.4
Indirect operating expenditures.....	...do....	228.0		72.0	30.0			15.3		0.5	1.4
Taxes (excluding income taxes).....	...do....	2,387.7	56.0	413.2	667.3	248.6	379.1	490.3	17.9	23.3	92.0
General and administration overhead.....	...do....	1,534.1	8.1	252.3	496.3	163.1	256.5	288.2	7.0	14.2	48.4
Other indirect expenses.....	...do....	601.4	47.9	123.3	158.1	77.3	122.6	71.4	10.3	6.3	36.4
Gross book value of fixed assets.....	...do....	252.1		37.6	13.0	8.2		130.7		2.7	7.1
Oil and gas field properties.....	...do....	65,944.4	624.2	20,033.2	20,264.8	6,838.6	9,000.6	7,829.3	215.8	362.4	775.6
Nonproducing properties.....	...do....	64,543.7	536.6	19,665.6	19,933.4	6,654.9	8,898.2	7,605.4	199.5	349.2	700.8
Producing properties.....	...do....	14,062.8	225.4	4,522.1	4,748.6	1,111.5	1,755.2	1,539.2	23.8	52.8	84.3
Work-in-progress.....	...do....	48,040.5	226.6	13,818.0	14,883.5	5,293.7	7,143.1	5,877.6	174.4	296.4	616.6
Buildings, other structures, and machinery.....	...do....	2,440.3	84.6	1,325.5	301.3	249.7		188.6			
	...do....	1,400.7	87.6	367.7	331.4	183.7	102.4	223.9	16.1	13.1	74.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(2) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Net oil and gas revenues equal crude petroleum and lease condensate plus natural gas revenues minus production expenditures. Note that no deductions have been made for income taxes or depreciation, depletion, and amortization.<sup>2</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 7.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPENDITURES TO TOTAL REVENUES: 1974

Item	Unit of measure	Total United States	Companies grouped by selected size-class									
			.000-.399	400-.599	600-.649	.650-.699	.700-.799	.800-.899	.900-1.099	1.100-1.399	1.400-1.799	1.800 and over
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,512.5	78.0	404.7	136.7	298.0	646.8	605.0	204.0	56.0	34.8	48.5
From stripper well leases...	....do....	235.6	26.1	59.0	12.4	13.1	35.5	45.4	22.9	13.4	2.2	5.3
Lease condensate...	....do....	122.5	2.4	15.8	8.5	10.3	31.1	27.8	14.1	4.8	1.9	5.7
Natural gas...	Bil. cu. ft	17,495.5	515.0	2,853.8	675.7	1,623.1	4,018.1	3,521.6	1,957.0	794.8	541.5	995.0
Lease revenues	Mil. dol...	23,051.4	791.4	3,845.8	1,218.6	2,520.3	5,710.3	5,183.2	1,992.9	732.0	404.6	652.3
Crude petroleum and condensate...	....do....	16,772.5	561.3	2,849.9	907.4	1,998.1	4,183.1	3,949.3	1,339.3	410.4	228.9	344.8
Crude petroleum...	....do....	15,924.8	547.0	2,738.2	851.7	1,927.8	3,974.6	3,754.5	1,245.1	371.5	213.3	301.2
Lease condensate...	....do....	847.7	14.4	111.7	55.8	70.3	208.5	194.8	94.2	39.0	15.5	43.6
Natural gas...	....do....	5,552.0	146.1	880.5	218.8	482.5	1,370.1	1,126.3	594.0	282.1	164.2	287.4
Income received from oil and gas royalties...	....do....	651.4	84.0	105.2	92.4	29.2	142.0	101.3	48.2	36.3	6.9	17.5
Other lease revenues from producing operations...	....do....	75.6										
Expenditures (capitalized and expensed)	....do....	18,706.1	212.1	1,921.7	769.1	1,722.1	4,274.8	4,270.9	1,922.3	904.7	660.1	2,048.2
Exploration expenditures...	....do....	8,658.8	40.3	694.5	335.1	746.3	2,067.5	1,824.4	974.5	437.2	401.5	1,137.5
Drilling and equipping wells	....do....	1,580.5	31.5	128.5	66.3	156.5	321.0	207.7	154.6	126.7	73.2	314.6
Dry holes...	....do....	911.7	20.7	93.1	38.0	73.2	185.9	111.5	110.7	72.6	44.0	162.1
Oil...	....do....	177.5	8.1	19.3	15.3	20.7	28.7	26.8	13.4	14.0	8.1	23.2
Gas...	....do....	308.8	1.1			45.7	58.4	34.4	33.5	19.7	14.0	75.0
Work-in-progress adjustment...	....do....	182.5	1.6			16.9	48.0	35.0	-3.0	20.4	7.3	53.3
Lease and land acquisitions of nonproducing acreage...	....do....	5,774.0	4.0			429.3	1,337.2	1,361.6	716.1	257.0	286.6	723.0
Land department, leasing and scouting...	....do....	90.6	0.1			6.8	30.0	17.0	6.1	3.7	5.6	7.0
Geological and geophysical...	....do....	567.6	0.4	582.1	282.0	70.8	161.8	147.2	40.1	20.0	12.6	30.6
Lease rentals...	....do....	177.8	2.0			22.6	48.1	28.0	16.2	11.0	6.4	19.9
Test hole contributions...	....do....	8.9	0.2			0.4	3.7	1.0	0.5	0.3	0.2	1.0
Other exploration expenditures, including direct overhead...	....do....	168.6	0.7			16.7	49.0	17.5	25.4	9.1	4.2	22.0
General and administrative overhead not reported elsewhere...	....do....	290.9	1.7			43.2	116.8	44.4	15.4	9.4	12.8	19.5
Development expenditures...	....do....	4,413.1	26.2	380.8	137.3	360.4	923.3	1,060.0	414.7	271.7	145.1	693.6
Drilling and equipping wells	....do....	2,265.2	18.4	190.9	62.7	154.6	472.0	529.0	241.1	172.6	91.0	333.0
Dry holes...	....do....	305.2	6.1	26.4	12.1	14.9	61.9	77.0	32.0	25.9	9.4	39.5
Oil...	....do....	984.6	9.1	108.5	23.6	59.8	192.0	278.3	96.7	54.8	29.2	132.6
Gas...	....do....	745.8	2.6	56.0	26.3	35.0	142.0	126.6	96.5	80.4	43.2	137.1
Work-in-progress adjustment...	....do....	229.6	0.6	(Z)	0.7	44.8	76.1	47.0	16.0	11.5	9.1	23.8
Lease equipment...	....do....	824.1	5.5	57.6	52.6	57.1	252.2	186.5	92.8	42.0	22.8	55.1
Lease and land acquisitions of producing acreage...	....do....	174.0	1.0			52.0	60.5		24.1	17.5	14.5	
Other development expenditures, including direct overhead...	....do....	625.4	0.5	132.3	22.0	77.3	89.6	290.7	40.3	19.0	6.5	283.0
General and administrative overhead not reported elsewhere...	....do....	224.4	0.7									
Production expenditures...	....do....	5,634.2	145.6	846.4	296.6	615.3	1,284.1	1,386.6	533.2	195.7	113.5	217.1
Direct operating expenditures	....do....	3,246.4	105.4	433.6	177.8	406.8	676.3	781.7	354.5	121.8	71.6	116.7
Operating and maintenance	....do....	2,577.1	93.6	339.2	139.5	293.4	551.0	595.6	307.2	104.2	59.6	93.7
Workovers...	....do....	441.3	7.7	69.8	38.3	113.4	69.8	146.2	23.6	13.7	12.0	23.1
Other direct expenses...	....do....	228.0	4.1	24.6								
Indirect operating expenditures	....do....	2,387.7	40.2	412.8	118.8	208.5	607.7	604.8	178.7	74.0	41.9	100.3
Taxes (excluding income taxes)	....do....	1,534.1	21.4	243.3	86.8	148.1	398.1	408.0	124.1	38.5	23.8	42.0
General and administration overhead...	....do....	601.4	15.3			47.1	163.4	150.8	39.3	30.8	16.7	32.6
Other indirect expenses	....do....	252.1	3.4	169.5	32.1	13.3	46.2	46.0	15.3	4.6	1.4	25.7
Gross book value of fixed assets...	....do....	65,944.4	1,373.1	7,206.8	3,167.1	6,400.0	14,959.8	15,627.6	7,276.0	3,004.7	1,914.1	5,015.2
Oil and gas field properties...	....do....	64,543.7	1,352.2	7,002.8	3,113.7	6,290.1	14,608.2	15,349.0	7,204.1	2,894.3	1,882.4	4,874.5
Nonproducing properties	....do....	14,062.8	263.3			875.2	2,967.3	3,452.3	1,287.7	800.1	546.5	1,961.1
Producing properties...	....do....	48,040.5	1,052.6	7,002.8	3,113.7	5,268.1	11,144.3	11,709.9	5,252.1	1,990.0	1,261.2	2,370.2
Work-in-progress...	....do....	2,440.3	9.3									
Buildings, other structures, and machinery...	....do....	1,400.7	48.0	204.0	53.4	109.9	351.7	278.6	72.0	110.5	31.7	140.7

Note: Detailed figures may not add to totals because of independent rounding.

(Z) Less than half of unit of measurement shown (under \$50,000)

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 8.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATION EXPENDITURES TO TOTAL EXPENDITURES: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.199	200-299	300-399	400-.449	.450-.499	.500-.549	.550-.599	600-.699	.700-1.000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,512.5	76.7	97.0	114.9	155.9	1,006.9	399.6	388.0	26.8	190.5	56.2
From stripper well leases...	do.....	235.6	36.8	40.4	23.1	18.3	54.1	26.6	14.3	3.7	13.1	5.1
Lease condensate.....	do.....	122.5	0.5	2.6	5.1	9.6	49.1	17.5	19.9	2.5	11.5	4.2
Natural gas.....	Bil cu. ft.	17,495.5	529.5	468.8	1,129.4	1,340.7	6,440.7	2,135.1	2,802.1	234.5	1,551.6	863.0
Lease revenues												
Crude petroleum and condensate.....	Mil. dol...	23,051.4	774.2	1,004.4	1,139.0	1,558.6	8,785.3	3,319.2	3,707.0	271.5	1,842.3	650.0
Crude petroleum.....	do.....	16,772.5	580.0	749.4	785.8	1,050.9	6,640.1	2,527.3	2,596.3	183.8	1,265.2	393.8
Crude petroleum.....	do.....	15,924.8	575.7	730.4	749.6	981.8	6,305.4	2,411.9	2,454.0	166.3	1,187.6	362.2
Lease condensate.....	do.....	847.7	4.2	19.0	36.2	69.0	334.7	115.5	142.3	17.5	77.6	31.6
Natural gas.....	do.....	5,552.0	165.5	183.0	288.0	456.5	2,012.1	688.3	916.0	75.0	536.6	231.2
Income received from oil and gas royalties.....	do.....	651.4	26.8	63.0	47.8	42.3	125.4	91.7	185.1	11.7	34.9	22.7
Other lease revenues from producing operations.....	do.....	75.6	2.0	9.0	17.5	8.8	7.7	12.0	9.7	1.0	5.6	2.3
Expenditures (capitalized and expensed)												
Exploration expenditures.....	do.....	18,706.1	409.7	812.8	882.3	1,398.7	5,991.5	2,788.9	2,894.7	273.2	1,859.2	1,394.7
Drilling and equipping wells <sup>1</sup>	do.....	8,658.8	-	57.9	225.1	489.5	2,593.2	1,329.6	1,532.2	156.8	1,172.5	1,102.4
Dry holes.....	do.....	1,580.5	-	22.8	90.0	152.6	346.5	177.3	309.4	42.6	167.3	272.0
Oil.....	do.....	911.7	-	14.2	49.0	96.6	208.7	100.2	192.5	22.4	108.0	120.2
Gas.....	do.....	177.5	-	3.3	16.1	15.6	41.5	19.0	29.3	4.0	12.5	36.3
Work-in-progress adjustment.....	do.....	308.8	-	1.6	15.6	38.5	65.0	36.1	48.9	8.2	32.7	62.2
Lease and land acquisitions of nonproducing acreage.....	do.....	182.5	-	3.7	9.4	2.0	31.3	22.0	38.7	8.1	14.1	53.3
Land department, leasing and scouting.....	do.....	5,774.0	-	19.7	58.1	234.7	1,826.9	946.0	935.7	95.1	909.6	748.3
Geological and geophysical.....	do.....	90.6	-	2.2	7.5	15.5	27.6	13.0	15.0	0.8	5.0	4.0
Lease rents.....	do.....	567.6	-	2.9	19.4	28.6	227.3	84.8	129.3	5.3	44.8	25.1
Test hole contributions.....	do.....	177.8	-	6.6	14.3	15.6	45.8	20.4	43.1	3.0	13.0	16.0
Other exploration expenditures, including direct overhead.....	do.....	8.9	-	0.3	0.6	0.5	2.0	0.5	3.3	0.3	0.4	1.0
General and administrative overhead not reported elsewhere.....	do.....	168.6	-	1.6	18.8	9.1	39.7	16.0	47.1	5.7	11.5	19.2
Development expenditures.....	do.....	290.9	-	1.8	16.4	32.8	77.4	71.6	49.2	4.0	21.0	16.8
Drilling and equipping wells <sup>1</sup>	do.....	4,413.1	102.7	405.4	345.1	469.3	1,303.0	717.8	576.2	57.2	299.9	136.3
Dry holes.....	do.....	2,265.2	70.0	188.3	145.0	193.8	683.1	342.2	329.6	36.0	184.3	92.9
Oil.....	do.....	305.2	8.8	11.2	24.1	31.0	110.7	32.5	49.0	6.2	16.0	15.8
Gas.....	do.....	984.6	32.0	125.0	70.5	51.5	334.0	158.6	116.0	8.5	67.1	21.4
Work-in-progress adjustment.....	do.....	745.8	25.0	29.6	47.5	90.8	185.3	85.4	143.3	16.5	72.3	50.0
Lease equipment.....	do.....	229.6	4.1	22.5	3.0	20.6	53.2	65.6	21.4	4.8	28.8	5.7
Lease and land acquisitions of producing acreage.....	do.....	824.1	15.7	44.3	45.3	66.6	232.0	167.7	159.6	6.8	63.6	22.5
Other development expenditures, including direct overhead.....	do.....	474.0	5.5	158.8	106.0	168.8	40.3	161.7	26.0	11.2	1.1	6.3
General and administrative overhead not reported elsewhere.....	do.....	625.4	1.1									
Production expenditures.....	do.....	224.4	10.5	14.0	18.7	19.5	67.0	46.2	17.5	3.1	21.7	6.2
Direct operating expenditures	do.....	5,634.2	307.0	349.5	312.0	440.0	2,095.4	741.6	786.3	59.3	386.8	156.3
Operating and maintenance	do.....	3,246.4	214.4	219.1	198.0	247.8	1,169.0	438.6	387.4	38.7	237.2	96.4
Workovers.....	do.....	2,577.1	185.9	174.7	158.6	212.4	832.3	381.4	326.7	32.4	195.7	77.0
Other direct expenses.....	do.....	441.3	17.0	22.7	20.6	27.6	336.7	57.2	50.3	4.8	41.4	9.4
Indirect operating expenditures	do.....	228.0	11.6	21.8	18.6	7.8						
Taxes (excluding income taxes).....	do.....	2,387.7	92.6	130.4	114.1	192.2	926.5	303.0	398.9	20.6	149.6	59.8
General and administration overhead.....	do.....	1,534.1	41.7	57.2	69.0	105.7	625.7	213.7	258.0	16.7	114.5	32.0
Other indirect expenses.....	do.....	601.4	41.8	59.7	37.5	86.5	200.5	67.0	100.2	3.9	34.8	18.1
Gross book value of fixed assets.....	do.....	252.1	9.1	13.4	7.6							
Oil and gas field properties.....	do.....	65,944.4	2,032.5	2,526.5	3,341.3	3,767.5	22,525.4	10,562.4	9,991.5	943.9	6,532.5	3,721.0
Nonproducing properties.....	do.....	64,543.7	1,955.1	2,411.3	3,257.9	3,619.9	22,051.0	10,335.4	9,838.3	934.0	6,460.1	3,680.7
Producing properties.....	do.....	14,062.8	255.0	182.8	374.0	755.9	4,413.1	1,698.5	2,296.5	242.8	2,031.6	1,812.6
Work-in-progress.....	do.....	48,040.5	1,689.7	1,908.4	2,824.5	2,751.2	17,061.0	7,973.3	7,224.0	657.3	4,279.1	1,672.1
Buildings, other structures, and machinery.....	do.....	2,440.3	10.4	320.1	59.3	112.8	576.9	663.7	317.8	33.8	149.3	196.1
Buildings, other structures, and machinery.....	do.....	1,400.7	77.4	115.2	83.4	147.6	474.4	227.0	153.2	9.9	72.4	40.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 9 --DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL DEVELOPMENT EXPENDITURES TO TOTAL EXPENDITURES: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.499	.500-1.000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,512.5	63.4	99.1	207.6	928.1	424.0	563.6	69.6	71.7	39.7	45.7
From stripper well leases	...do....	235.6	26.1	23.3	15.8	44.1	29.4	46.3	12.6	13.9	13.1	10.9
Lease condensate	...do....	122.5	2.7	5.1	9.6	42.5	24.6	23.0	6.5	3.6	2.0	2.9
Natural gas	Bil. cu. ft.	17,495.5	432.4	534.1	1,501.3	6,233.7	3,130.6	2,953.3	807.5	912.7	475.3	514.7
Lease revenues	Mil. dol...	23,051.4	645.5	874.9	1,930.1	8,370.1	4,044.9	4,618.9	749.3	794.6	497.0	526.1
Crude petroleum and condensate	...do....	16,772.5	467.6	678.4	1,364.4	6,177.1	2,885.1	3,583.6	488.0	500.8	285.9	341.6
Crude petroleum	...do....	15,924.8	448.8	644.2	1,304.5	5,885.4	2,702.9	3,434.0	441.0	471.8	271.4	320.8
Lease condensate	...do....	847.7	18.8	34.2	59.8	291.7	182.2	149.6	47.0	29.0	14.5	20.8
Natural gas	...do....	5,552.0	129.8	156.8	487.7	1,961.8	1,040.2	937.2	229.6	263.4	184.8	160.7
Income received from oil and gas royalties	...do....	651.4	45.5	31.5	69.8	218.0	110.3	91.1	22.8	19.6	22.6	20.0
Other lease revenues from producing operations	...do....	75.6	2.7	8.2	8.1	13.2	9.3	7.0	8.8	10.9	3.6	3.8
Expenditures (capitalized and expensed)	...do....	18,706.1	450.2	915.3	1,714.9	5,633.7	3,489.6	3,676.1	715.2	626.1	558.6	926.4
Exploration expenditures	...do....	8,658.8	226.3	567.7	1,044.0	2,766.4	1,643.8	1,577.6	302.2	197.1	167.5	166.3
Drilling and equipping wells	...do....	1,580.5	117.5	154.0	126.0	112.3	241.0	222.8	95.7	73.0	64.9	73.3
Dry holes	...do....	911.7	43.4	84.6	91.6	267.0	129.8	129.1	60.4	31.5	39.5	38.8
Oil	...do....	177.5	26.3	24.1	11.1	37.6	25.7	17.1	10.2	5.7	8.6	11.1
Gas	...do....	308.8	35.7	33.2	20.1	72.5	34.2	39.4	26.6			15.5
Work-in-progress adjustment	...do....	182.5	12.1	16.2	3.2	35.2	51.4	37.2	-1.5	35.8	16.9	7.9
Lease and land acquisitions of nonproducing acreage	...do....	5,774.0	92.1	366.9	820.1	1,861.4	1,161.4	1,111.7	163.2	61.9	79.0	56.3
Land department, leasing and scouting	...do....	90.6	1.1	4.8	6.7	23.2	22.9	15.0	2.9	4.5	4.9	4.5
Geological and geophysical	...do....	567.6	4.0	12.3	46.8	227.9	104.7	127.3	11.8	18.5	6.4	8.0
Lease rents	...do....	177.8	4.9	9.2	16.0	60.4	24.9	27.4	10.7	10.5	4.8	9.0
Test hole contributions	...do....	8.9	0.2	0.4	0.5	5.0	0.6	0.8	0.7	0.5	0.1	(2)
Other exploration expenditures, including direct overhead	...do....	168.6	1.0	8.0	13.0	84.0	6.3	23.4	7.6	14.0	1.9	9.6
General and administrative overhead not reported elsewhere	...do....	290.9	5.5	12.2	15.0	92.3	82.0	49.2	9.6	14.2	5.4	5.6
Development expenditures	...do....	4,413.1	-	60.6	226.8	1,038.5	784.1	975.7	223.3	231.2	243.7	629.1
Drilling and equipping wells	...do....	2,265.2	-	29.6	135.4	516.5	458.9	454.2	141.0	106.2	157.0	266.4
Dry holes	...do....	305.2	-	4.3	19.7	73.3	53.8	66.5	20.0	19.0	20.3	28.5
Oil	...do....	984.6	-	10.6	51.7	188.6	245.3	199.4	60.4	33.0	49.2	146.3
Gas	...do....	745.8	-	10.4	45.9	179.5	134.6	110.4	61.7	52.9	79.4	70.9
Work-in-progress adjustment	...do....	229.6	-	4.2	18.2	75.1	25.2	77.9	-1.2	1.3	8.2	20.7
Lease equipment	...do....	824.1	-	13.2	58.7	240.3	175.8	165.7	54.2	31.3	34.9	50.0
Lease and land acquisitions of producing acreage	...do....	474.0	-	7.0	2.7	38.0	14.3	165.1	3.8	54.9	27.6	160.6
Other development expenditures, including direct overhead	...do....	625.4	-	8.1	18.3	199.6	71.6	147.0	9.8	25.2		
General and administrative overhead not reported elsewhere	...do....	224.4	-	2.7	11.7	44.1	63.6	43.7	14.5	13.7	24.2	152.1
Production expenditures	...do....	5,634.2	223.9	287.1	444.0	1,828.8	1,061.7	1,122.8	189.6	197.8	147.5	131.0
Direct operating expenditures	...do....	3,246.4	160.3	174.7	277.3	975.0	567.4	671.8	125.8	123.3	93.7	77.0
Operating and maintenance	...do....	2,577.1	137.1	140.5	229.1	731.2	426.2	546.1	114.3	100.9	83.8	67.9
Workovers	...do....	441.3	15.7	19.5	23.3	170.1	109.9	68.3	10.1	10.7	6.6	7.0
Other direct expenses	...do....	228.0	7.5	14.7	24.9	73.7	31.2	57.4	1.4	11.7	3.2	2.1
Indirect operating expenditures	...do....	2,387.7	63.6	112.3	166.7	853.8	494.3	451.0	63.7	74.5	53.8	53.9
Taxes (excluding income taxes)	...do....	1,534.1	24.3	46.8	115.6	567.3	321.7	310.9	34.8	47.1	33.7	31.9
General and administration overhead	...do....	601.4	33.2	43.1	40.4	157.0	161.1	83.7	22.4	24.0	17.6	18.8
Other indirect expenses	...do....	252.1	6.1	22.4	10.7	129.5	11.5	56.5	6.5	3.4	2.5	3.2
Gross book value of fixed assets	...do....	65,944.4	1,786.7	2,503.4	5,850.7	20,145.7	12,478.0	13,625.7	3,295.5	2,606.0	1,444.6	2,207.2
Oil and gas field properties	...do....	64,543.7	1,730.4	2,381.7	5,779.0	19,868.8	12,047.3	13,434.1	3,223.9	2,564.6	1,389.8	2,124.1
Nonproducing properties	...do....	14,062.8	491.4	654.3	1,574.7	4,424.0	3,182.1	2,604.9	353.5	370.6	178.7	228.7
Producing properties	...do....	48,040.5	1,215.5	1,615.1	4,096.4	14,847.1	8,541.3	10,588.6		2,097.8	1,181.2	
Work-in-progress	...do....	2,440.3	23.4	112.4	107.9	597.7	323.9	240.6	2,870.5	96.1	30.0	1,895.4
Buildings, other structures, and machinery	...do....	1,400.7	56.3	121.7	71.7	276.9	430.7	191.6	72.6	41.4	54.7	83.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (2) Less than half of the unit measurement shown (under \$50,000).

\*Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 10.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL PRODUCTION EXPENDITURES TO TOTAL EXPENDITURES: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000- 099	.100- 149	.150- 199	.200- 249	.250- 299	.300- 349	.350- 399	.400- 499	.500- 599	.600- 1,000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,512.5	24.0	49.9	45.8	177.6	738.8	286.6	851.8	145.1	54.0	138.9
From stripper well leases...	do.....	235.6	2.0	8.3	3.9	15.3	41.0	22.2	40.4	16.6	22.7	63.0
Lease condensate.....	do.....	122.5	3.5	4.9	3.7	11.2	32.4	12.9	41.6	8.4	1.8	2.2
Natural gas.....	811 cu. ft.	17,495.5	591.2	1,031.5	415.8	1,709.6	4,226.5	1,596.8	5,857.5	1,011.7	269.3	782.5
Lease revenues:												
Crude petroleum and condensate.....	Mil. dol...	23,051.4	370.5	731.8	499.7	1,744.6	6,449.4	2,401.7	7,651.4	1,302.9	523.3	1,376.1
Crude petroleum and condensate.....	do.....	16,772.5	184.7	360.4	332.3	1,144.1	4,813.8	1,857.3	5,715.9	926.1	393.4	1,044.6
Crude petroleum.....	do.....	15,584.8	156.8	321.5	304.4	1,069.8	4,593.9	1,772.7	5,422.7	872.8	381.8	1,028.5
Lease condensate.....	do.....	847.7	27.9	38.9	27.8	74.3	219.9	84.6	293.2	53.3	11.6	16.2
Natural gas.....	do.....	5,552.0	172.6	330.9	155.4	549.0	1,389.0	491.9	1,806.2	327.5	95.0	234.6
Income received from oil and gas royalties.....	do.....	651.4	10.3	39.4	9.8	43.2	228.3	47.9	111.7	41.5	31.2	88.2
Other lease revenues from producing operations.....	do.....	75.6	3.0	1.2	2.2	8.3	18.3	4.6	17.7	7.8	3.8	8.7
Expenditures (capitalized and expensed):												
Exploration expenditures.....	do.....	18,706.1	1,299.7	1,124.7	653.3	1,784.2	4,961.9	1,835.7	5,202.3	869.7	309.4	665.0
Drilling and equipping wells <sup>1</sup>	do.....	8,658.8	820.7	553.3	402.6	1,008.6	2,497.7	765.1	2,156.9	352.3	50.8	50.9
Dry holes.....	do.....	1,580.5	231.2	116.5	144.7	127.6	353.6	161.1	277.0	113.7	25.5	29.8
Oil.....	do.....	911.7	99.3	68.9	80.0	87.2	212.0	88.3	168.6	74.1	15.4	17.8
Gas.....	do.....	177.5	12.5	7.4	29.4	12.0	32.5	13.5	31.6	23.0	6.0	9.6
Work-in-progress adjustment.....	do.....	308.8	64.1	22.8	29.1	22.5	52.8	30.2	58.1	23.0		
Lease and land acquisitions of nonproducing acreage.....	do.....	182.5	55.3	17.4	6.2	5.5	56.4	29.0	18.7	-6.4	4.1	2.5
Land department, leasing and scouting.....	do.....	5,774.0	517.4	381.0	217.4	784.2	1,701.6	459.2	1,505.2	189.7	10.9	7.4
Geological and geophysical.....	do.....	90.6	5.5	4.1	3.4	7.6	20.8	10.1	28.8	6.5	1.7	2.0
Lease rentals.....	do.....	567.6	23.5	20.4	12.5	38.3	194.5	78.1	174.5	21.8	3.7	2.3
Test hole contributions.....	do.....	177.8	11.4	11.9	9.6	14.2	55.2	17.5	41.7	8.4	2.9	5.0
Other exploration expenditures, including direct overhead.....	do.....	8.9	0.8	0.3	0.3	0.5	3.7	0.6	1.6	0.6	0.2	0.2
General and administrative overhead not reported elsewhere.....	do.....	168.6	18.5	4.8	5.2	22.3	54.1	17.4	40.6	4.1	1.1	0.5
Development expenditures.....	do.....	290.9	12.3	14.4	9.4	16.1	114.3	21.0	87.6	7.5	4.7	3.6
Drilling and equipping wells <sup>1</sup>	do.....	4,413.1	413.2	424.7	143.3	363.6	1,098.3	480.8	1,170.6	145.5	92.8	80.3
Dry holes.....	do.....	2,265.2	224.1	210.6	93.1	207.1	528.2	250.9	564.1	79.1	62.3	45.8
Oil.....	do.....	305.2	22.2	30.6	11.4	30.0	60.8	52.9	67.3	14.8	4.7	10.6
Gas.....	do.....	984.6	106.3	52.1	31.6	83.7	227.0	113.3	288.0	28.0	26.7	27.9
Work-in-progress adjustment.....	do.....	745.8	88.0	105.6	44.1	84.0	137.8	69.0	144.5	38.9	27.1	6.9
Lease equipment.....	do.....	229.6	7.5	22.3	6.0	9.4	102.7	15.7	64.3	-2.6	3.9	0.5
Lease and land acquisitions of producing acreage.....	do.....	824.1	35.5	39.2	28.0	90.2	278.5	96.5	188.2	37.5	14.3	16.2
Other development expenditures, including direct overhead.....	do.....	474.0	139.5	154.5	10.2	11.2	122.5	112.1	128.9	13.7	13.2	6.8
General and administrative overhead not reported elsewhere.....	do.....	625.4	5.7	4.5	39.1	100.6		222.9	9.5			4.5
Production expenditures.....	do.....	224.4	8.5	20.4	7.6	16.0	68.5	21.3	66.5	5.8	3.0	6.9
Direct operating expenditures	do.....	5,634.2	65.6	146.8	107.9	411.9	1,365.9	589.9	1,874.7	371.9	165.8	533.8
Operating and maintenance.....	do.....	3,246.4	37.8	86.3	66.0	264.0	724.3	372.4	1,003.2	226.5	109.3	356.6
Workovers.....	do.....	2,577.1	32.7	73.1	53.3	221.4	611.5	283.6	744.3	178.4	91.0	287.8
Other direct expenses.....	do.....	441.3	4.7	10.9	7.2	42.6	67.6	88.7	258.9	44.3	8.2	35.9
Indirect operating expenditures.....	do.....	228.0	0.4	2.3	5.6		45.1		3.8	10.1	32.9	
Taxes (excluding income taxes).....	do.....	2,387.7	27.8	60.4	41.9	147.9	641.5	217.5	871.5	145.4	56.5	177.2
General and administration overhead.....	do.....	1,534.1	17.6	39.9	23.4	106.5	453.8	154.5	560.2	75.4	33.3	69.5
Other indirect expenses.....	do.....	601.4	9.3	17.0	18.5	35.1	150.8	63.0	182.0	36.6	20.4	87.2
Gross book value of fixed assets.....	do.....	252.1	1.0	3.5		6.3	36.9		129.3	33.3	2.7	20.4
Oil and gas field properties.....	do.....	65,944.4	3,064.7	3,799.6	2,001.3	6,448.2	17,690.9	7,481.5	17,647.1	3,697.8	1,158.7	2,954.6
Nonproducing properties.....	do.....	64,543.7	3,009.7	3,766.9	1,950.7	6,381.7	17,366.1	7,366.8	17,207.9	3,528.9	1,124.9	2,840.1
Producing properties.....	do.....	14,062.8	1,637.0	1,030.7	466.0	1,283.7	3,854.7	1,136.6	3,585.6	715.7	73.2	279.5
Work-in-progress.....	do.....	48,040.5	1,191.7	2,310.1	1,437.5	4,466.1	13,120.2	5,976.8	13,218.6	2,729.2	1,039.9	2,550.6
Buildings, other structures, and machinery.....	do.....	2,440.3	181.0	426.2	47.2	631.9	391.2	253.5	403.6	84.0	11.8	10.0
	do.....	1,400.7	55.0	32.6	50.6	66.5	324.8	114.6	439.3	168.8	33.9	114.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 11.--DETAILED STATISTICS GROUPED BY OIL LEASE SPECIALIZATION RATIOS: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>									
			.000	.001-.099	100-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.699	.700-.799	.800-1.000
Sales volumes:												
Crude petroleum and condensate	Mill. bbl...	2,512.5	39.1	29.4	91.6	29.0	31.1	541.0	267.0	718.8	504.9	260.6
From stripper well leases...	do.....	235.6	3.0	2.4	10.8	2.5	3.7	28.5	20.8	38.2	33.0	92.7
Lease condensate.....	do.....	122.5	3.5	4.9	7.7	3.6	4.4	37.1	12.7	30.0	15.6	3.0
Natural gas.....	Bil. cu. ft.	17,495.5	372.4	975.7	1,189.1	623.3	493.4	4,902.0	2,264.2	4,102.3	1,937.9	635.3
Lease revenues:												
Crude petroleum and condensate.....	Mill. dol...	23,051.4	534.1	582.2	1,058.1	408.3	388.3	5,249.4	2,476.3	6,136.4	3,994.4	2,223.9
Crude petroleum.....	do.....	16,772.5	296.3	210.7	625.6	182.5	192.5	3,685.7	1,725.2	4,640.4	3,262.6	1,950.9
Crude petroleum.....	do.....	15,924.8	271.6	170.3	569.8	156.3	161.8	3,425.7	1,641.0	4,437.4	3,160.8	1,930.0
Lease condensate.....	do.....	847.7	24.7	10.3	55.8	26.2	30.7	259.9	84.2	203.0	101.8	20.9
Natural gas.....	do.....	5,552.0	144.2	361.6	392.1	175.4	160.8	1,480.5	673.1	1,341.0	662.6	160.7
Income received from oil and gas royalties.....	do.....	651.4	88.0	7.2	34.9	48.4	28.4	76.7	64.5	139.8	65.1	98.3
Other lease revenues from producing operations.....	do.....	75.6	5.7	2.7	5.5	1.9	6.6	6.6	13.5	15.1	4.1	13.9
Expenditures (capitalized and expensed):												
Exploration expenditures.....	do.....	18,706.1	551.3	800.6	1,013.0	569.7	537.3	3,650.6	2,113.6	4,606.7	3,313.0	1,550.3
Drilling and equipping wells <sup>2</sup>	do.....	8,658.8	295.5	444.3	543.0	315.6	232.0	1,614.8	997.6	2,241.6	1,448.9	525.5
Dry holes.....	do.....	1,580.5	96.0	121.3	140.2	55.9	90.6	182.3	158.6	284.7	239.7	211.3
Oil.....	do.....	911.7	51.5	60.2	74.0	41.7	50.7	129.5	106.7	166.6	123.0	107.8
Gas.....	do.....	177.5	3.1	4.1	4.0	4.1	9.8	18.1	14.1	32.2	31.2	52.8
Work-in-progress adjustment.....	do.....	308.8	28.6	35.5	27.2	8.4	17.8	30.1	28.1	48.3	47.7	37.1
Lease and land acquisitions of nonproducing acreage.....	do.....	182.5	12.7	17.5	35.0	1.6	12.3	4.5	9.7	37.8	37.8	13.7
Land department, leasing and scouting.....	do.....	5,774.0	157.0	262.6	321.6	215.2	100.4	1,212.9	716.7	1,581.7	966.6	239.2
Geological and geophysical.....	do.....	90.6	3.7	4.6	7.1	1.9	8.8	15.7	8.0	19.2	13.3	8.3
Lease rents.....	do.....	567.6	21.4	23.1	38.2	8.5	12.9	107.8	49.6	163.9	121.6	20.6
Test hole contributions.....	do.....	177.8	5.8	13.7	11.8	9.2	6.9	24.6	15.6	45.4	29.0	16.4
Other exploration expenditures, including direct overhead.....	do.....	8.9	0.4	0.2	0.9			1.8	0.7	3.2	0.6	0.7
General and administrative overhead not reported elsewhere.....	do.....	168.6	6.0	5.0	8.1	17.3	4.5	25.8	18.6	49.7	21.0	12.7
Development expenditures.....	do.....	290.9	5.2	14.0	15.1	7.8	7.9	44.1	29.9	93.7	56.9	16.4
Drilling and equipping wells <sup>2</sup>	do.....	4,413.1	117.3	225.7	225.4	154.4	190.3	794.6	473.6	1,004.5	848.7	378.7
Dry holes.....	do.....	2,265.2	76.1	155.8	154.1	90.7	73.0	436.1	185.9	496.9	353.9	242.7
Oil.....	do.....	305.2	9.0	21.4	18.3	17.4	12.6	68.8	22.2	61.5	44.6	29.4
Gas.....	do.....	984.6	23.7	29.9	45.0	28.8	16.4	225.2	68.5	212.1	174.6	160.3
Work-in-progress adjustment.....	do.....	745.8	37.3	98.4	88.4	42.0	29.0	141.0	65.1	127.7	72.8	44.1
Lease equipment.....	do.....	229.6	6.1	6.2	2.4	2.5	14.9	1.1	30.0	95.7	61.9	8.9
Lease and land acquisitions of producing acreage.....	do.....	824.1	34.8	27.6		19.3		157.8	91.8	271.7	111.2	66.7
Other development expenditures, including direct overhead.....	do.....	474.0	2.5	27.8	50.5	28.2	108.1	11.3	119.9	96.6	71.5	19.5
General and administrative overhead not reported elsewhere.....	do.....	625.4	1.3	4.3		11.0		142.7	48.5	92.3	280.1	26.6
Production expenditures.....	do.....	224.4	2.6	10.2	20.7	5.2	9.2	46.7	27.5	46.9	32.0	23.3
Direct operating expenditures	do.....	5,634.2	138.5	130.6	244.5	99.6	115.0	1,241.1	642.4	1,360.7	1,015.5	646.2
Operating and maintenance.....	do.....	3,246.4	79.6	72.8	141.3	55.5	58.0	616.6	369.2	745.2	651.4	456.8
Workovers.....	do.....	2,577.1	74.2	61.6	112.8	40.9	44.8	442.8	309.3	623.0	469.3	398.5
Other direct expenses.....	do.....	441.3	4.1	9.8	15.6	7.0	7.0	154.6	59.9	122.2	81.7	35.9
Indirect operating expenditures.....	do.....	228.0	1.2	1.4	13.0	7.6	6.2	19.3			100.4	22.4
Taxes (excluding income taxes).....	do.....	2,387.7	58.9	57.8	103.1	44.2	57.0	624.5	273.2	615.5	364.1	189.4
General and administration overhead.....	do.....	1,534.1	41.0	32.8	63.2	24.4	29.3	402.7	166.6	428.5	252.6	93.4
Other indirect expenses.....	do.....	601.4	13.2	20.6	36.7	11.8	26.9	221.8	106.6	147.9	78.4	79.3
Gross book value of fixed assets.....	do.....	252.1	4.7	4.4	3.6	8.0	0.9			39.1	33.0	16.6
Oil and gas field properties.....	do.....	65,944.4	2,058.2	3,100.5	3,531.0	1,700.2	1,525.0	13,356.6	6,603.9	17,294.8	11,779.4	4,994.9
Nonproducing properties.....	do.....	64,543.7	2,018.9	3,044.1	3,490.0	1,671.6	1,446.5	13,011.5	6,475.5	17,033.4	11,575.7	4,776.4
Producing properties.....	do.....	14,062.8	651.0	739.3	933.7	628.6	410.1	2,866.2	1,532.2	3,489.3	1,866.5	946.0
Work-in-progress.....	do.....	48,040.5	1,274.0	2,135.8	2,472.3	1,013.9	985.8	9,353.5	4,800.0	13,082.9	9,158.6	3,763.8
Buildings, other structures, and machinery.....	do.....	2,440.3	93.9	169.0	84.0	29.1	50.7	791.8	143.3	461.2	550.6	66.6
		1,400.7	39.4	56.4	41.0	28.6	78.5	345.1	128.4	261.4	203.6	218.5

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Oil lease specialization ratios were derived by dividing the sum of total liquid and gas revenues from oil leases by the sum of total liquid and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.



Table 12.--DETAILED STATISTICS GROUPED BY GAS LEASE SPECIALIZATION RATIOS: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size class <sup>1</sup>									
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.449	.450-.499
Sales volumes:												
Crude petroleum and condensate	Mil. bbl.	2,512.5	393.9	525.2	559.0	397.2	390.9	75.3	111.0	43.7	13.7	2.6
From stripper well leases...	do.	235.6	95.3	41.0	28.6	24.2	17.7	8.5	13.1	4.7	2.0	0.6
Crude condensate...	do.	122.5	8.0	21.8	20.1	17.0	22.1	3.9	14.1	9.7	4.1	1.8
Natural gas...	Bil. cu. ft.	17,495.5	1,346.9	2,746.4	2,627.7	2,560.2	3,218.2	839.9	1,728.9	1,194.0	816.8	416.6
Lease revenues:												
Crude petroleum and condensate	Mil. dol.	23,051.4	3,577.0	4,325.0	4,588.2	3,599.1	3,588.2	751.7	1,329.4	683.9	404.1	204.9
Crude petroleum and condensate...	do.	16,772.5	2,867.5	3,403.6	3,666.1	2,616.9	2,543.2	511.0	751.8	296.7	97.1	18.6
Crude petroleum...	do.	15,924.8	2,810.0	3,247.5	3,536.5	2,504.1	2,392.1	480.8	650.1	232.7	66.2	4.8
Lease condensate...	do.	847.7	57.5	156.1	129.6	112.7	151.2	30.1	101.7	64.1	31.0	13.8
Natural gas...	do.	5,552.0	487.8	854.9	844.3	843.5	984.1	205.1	505.0	360.1	286.8	180.5
Income received from oil and gas royalties...	do.	651.4	201.2	60.8	74.3	131.2	55.3	23.0	63.4	21.6		
Other lease revenues from producing operations...	do.	75.6	20.5	5.7	3.6	7.5	5.5	12.7	9.3	5.5	20.2	5.8
Expenditures (capitalized and expensed):												
Exploration expenditures...	do.	18,706.1	2,517.0	3,616.0	3,522.7	2,937.9	2,208.9	667.3	1,469.4	1,013.4	475.2	278.3
Drilling and equipping wells <sup>2</sup>	do.	8,658.8	1,012.4	1,639.1	1,562.8	1,471.8	1,108.8	212.7	732.9	549.0	211.2	158.4
Dry holes...	do.	1,580.5	283.0	215.8	176.6	172.9	149.3	84.4	187.4	150.9	76.7	83.6
Oil...	do.	911.7	139.0	123.6	105.8	115.2	97.0	38.2	122.7	95.1	40.9	34.2
Gas...	do.	177.5	56.4	21.4	16.9	17.7	10.5	17.7	22.7	11.9		
Work-in-progress adjustment...	do.	308.8	34.1	31.3	42.5	26.0	23.5	13.8	50.8	27.3	35.8	49.4
Lease and land acquisitions of nonproducing acreage...	do.	182.5	53.4	39.5	11.3	14.1	18.2	14.6	-8.8	16.6		
Land department, leasing and scouting...	do.	5,774.0	547.0	1,159.1	1,147.2	1,092.7	811.9	73.4	467.7	317.5	93.6	64.0
Geological and geophysical...	do.	90.6	12.1	23.0	13.8	7.0	14.5	3.5	5.7	5.3	4.7	1.0
Lease rents...	do.	167.8	67.0	142.6	126.2	93.6	63.5	16.0	22.0	23.5	9.0	4.3
Test hole contributions...	do.	177.8	23.7	25.4	31.5	27.7	15.9	10.0	19.0	12.3	9.7	2.6
Other exploration expenditures, including direct overhead...	do.	8.9	1.1	1.3	0.5		1.1		0.7	0.4	0.4	
General and administrative overhead not reported elsewhere...	do.	168.6	12.3	21.7	16.4	42.4	30.1	13.1	10.8	18.9	5.1	1.3
Development expenditures...	do.	290.9	66.3	50.3	50.6	35.6	22.3	12.4	19.5	20.3	12.0	1.7
Drilling and equipping wells <sup>2</sup>	do.	4,413.1	587.3	812.5	842.1	627.4	391.0	255.0	387.3	293.1	164.5	53.0
Dry holes...	do.	2,265.2	324.5	437.5	410.0	260.7	178.5	129.1	214.9	142.4	122.3	45.3
Oil...	do.	305.2	37.4	73.1	31.6	34.4	27.1	13.6	34.9	28.0	18.3	6.7
Gas...	do.	984.6	196.2	239.7	191.4	84.8	78.1	81.3	65.1	32.0	14.7	1.4
Work-in-progress adjustment...	do.	745.8	67.8	111.2	66.4	95.2	67.7	26.4	124.8	65.6	86.6	34.1
Lease equipment...	do.	229.6	23.1	13.5	120.5	46.3	5.7	7.9	-9.9	16.8	2.6	3.1
Lease and land acquisitions of producing acreage...	do.	824.1	172.5	145.5	140.2	149.5	64.7	28.2	70.9	32.7	15.6	4.2
Other development expenditures, including direct overhead...	do.	474.0	11.1	43.1	145.3	40.6			53.9			1.3
General and administrative overhead not reported elsewhere...	do.	625.4	40.0	140.5	111.7	158.6	121.1	83.6	26.9	103.3	18.1	0.5
Production expenditures...	do.	224.4	39.0	46.0	35.0	18.2	26.6	14.1	20.7	14.6	8.5	1.8
Direct operating expenditures...	do.	5,634.2	917.3	1,164.4	1,117.8	838.6	709.4	199.6	349.2	171.4	99.5	66.9
Operating and maintenance...	do.	3,246.4	586.3	672.5	690.4	456.6	320.3	124.7	201.9	91.6	59.9	42.2
Workovers...	do.	2,577.1	480.9	473.8	565.7	360.3	255.3	102.1	182.1	70.4	48.5	38.1
Other direct expenses...	do.	441.3	40.1	139.5	124.8	96.3	65.0	22.7	15.7	10.8	8.2	2.9
Indirect operating expenditures...	do.	228.0	65.3	59.1				4.1	10.4	3.3	1.2	
Taxes (excluding income taxes)...	do.	2,387.7	331.0	491.9	427.4	382.1	389.1	74.9	147.3	79.8	39.6	24.7
General and administration overhead...	do.	1,534.1	191.3	335.4	298.1	246.5	256.3	50.4	72.0	49.0	20.6	14.6
Other indirect expenses...	do.	601.4	113.3	137.0	129.2	135.6	132.9	24.5	48.3	21.0	17.7	7.8
Gross book value of fixed assets:												
Oil and gas field properties...	do.	252.1	26.4	19.6					27.0	9.8	1.3	2.2
Nonproducing properties...	do.	65,944.4	8,556.3	13,311.7	12,038.3	10,187.1	8,274.6	2,537.0	5,487.0	2,557.2	2,121.8	876.4
Producing properties...	do.	64,543.7	8,206.5	12,990.3	11,910.3	10,070.5	8,136.3	2,491.1	5,335.5	2,371.6	2,087.2	844.4
Work-in-progress...	do.	14,062.8	1,754.0	3,108.3	2,180.9	2,352.2	1,789.6	333.4	1,073.0	782.7	380.4	308.3
Buildings, other structures, and machinery...	do.	48,040.5	6,200.0	9,624.2	9,499.6	7,172.0	6,116.7	2,098.6	3,588.7	1,625.6	1,630.6	484.6
	do.	2,440.3	252.5	257.8	229.8	546.2	230.0	59.1	673.9	63.3	76.2	51.6
	do.	1,400.7	346.8	321.4	128.1	116.6	138.4	45.8	151.4	85.6	34.5	32.1

Note: Detailed figures may not add to totals because of independent rounding. - Represents zero.

<sup>1</sup>Gas lease specialization ratios were derived by dividing the sum of total liquids and gas revenues from gas leases by the sum of total liquids and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 13.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE REVENUES TO TOTAL REVENUES: 1974

Item	Unit of measure	Total United States	(Net company interest basis) Company statistics grouped by selected size-class				
			.000	.001-.099	100-199	.200-.299	.300-1.000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,512.5	440.0	297.2	1,055.9	313.5	406.0
From stripper well leases...	...do....	235.6	127.9	13.7	57.7	18.3	18.0
Lease condensate...	...do....	122.5	17.9	14.7	52.3	18.2	19.4
Natural gas...	Bil. cu. ft	17,495.5	3,178.6	2,422.3	7,459.8	2,038.2	2,396.5
Lease revenues:	Mil. dol...	23,051.4	4,486.8	2,993.2	9,498.2	2,568.6	3,504.6
Crude petroleum and condensate...	...do....	16,772.5	3,193.5	2,059.8	6,978.5	1,885.5	2,655.1
Crude petroleum...	...do....	15,924.8	3,065.5	1,952.9	6,616.5	1,768.9	2,521.1
Lease condensate...	...do....	847.7	128.0	106.8	362.1	116.7	134.0
Natural gas...	...do....	5,552.0	1,018.9	822.0	2,291.2	625.2	794.8
Income received from oil and gas royalties...	...do....	651.4	238.2	108.5	203.4	52.2	49.0
Other lease revenues from producing operations...	...do....	75.6	36.3	2.9	25.0	5.7	5.7
Expenditures (capitalized and expensed):	...do....	18,706.1	3,843.3	2,753.9	6,869.1	1,980.0	3,259.6
Exploration expenditures:	...do....	8,658.8	1,493.2	1,269.5	3,289.7	932.2	1,674.3
Drilling and equipping wells <sup>1</sup>	...do....	1,580.5	648.3	250.7	332.0	136.5	213.1
Dry holes...	...do....	911.7	315.3	161.7	208.0	86.9	139.8
Oil...	...do....	177.5	113.9	17.4	25.8	5.0	15.4
Gas...	...do....	308.8	139.3	55.3	40.8	27.0	46.3
Work-in-progress adjustment...	...do....	182.5	79.8	16.3	57.4	17.5	11.5
Lease and land acquisitions of nonproducing acreage...	...do....	5,774.0	620.9	807.4	2,488.1	628.7	1,228.8
Land department, leasing and scouting...	...do....	90.6	24.3	8.1	28.8	19.7	9.7
Geological and geophysical...	...do....	567.6	54.5	78.3	238.3	72.0	124.5
Lease rents...	...do....	177.8	49.6	32.3	46.3	18.6	31.0
Test hole contributions...	...do....	8.9	1.5	3.3	2.2	8	1.0
Other exploration expenditures, including direct overhead...	...do....	168.6	35.6	35.6	53.9	19.2	24.3
General and administrative overhead not reported elsewhere...	...do....	290.9	58.5	53.9	100.0	36.6	41.9
Development expenditures:	...do....	4,413.1	1,011.8	781.0	1,453.7	452.1	714.6
Drilling and equipping wells <sup>1</sup>	...do....	2,265.2	650.2	298.6	708.6	256.9	350.8
Dry holes...	...do....	305.2	88.2	45.0	86.6	30.9	54.4
Oil...	...do....	984.6	317.2	84.0	350.6	90.9	141.8
Gas...	...do....	745.8	225.4	124.4	179.4	135.1	154.6
Work-in-progress adjustment...	...do....	229.6	19.5	45.2	92.0		
Lease equipment...	...do....	824.1	162.8	138.9	318.8	73.1	130.6
Lease and land acquisitions of producing acreage...	...do....	474.0	97.7	169.2	123.6	42.8	40.8
Other development expenditures, including direct overhead...	...do....	625.4	45.7	155.2	211.0	53.4	160.1
General and administrative overhead not reported elsewhere...	...do....	224.4	55.3	19.1	91.7	25.8	32.4
Production expenditures:	...do....	5,634.2	1,338.4	703.4	2,125.8	595.8	870.8
Direct operating expenditures	...do....	3,246.4	843.2	336.2	1,127.2	358.1	581.7
Operating and maintenance	...do....	2,577.1	717.9	283.7	866.9	303.0	405.7
Workovers...	...do....	441.3	74.1	49.1	201.4	55.0	176.0
Other direct expenses...	...do....	228.0	51.2	3.4	59.0		
Indirect operating expenditures:	...do....	2,387.7	495.2	367.2	998.6	237.7	289.1
Taxes (excluding income taxes)...	...do....	1,534.1	237.8	218.6	704.8	170.8	202.2
General and administration overhead...	...do....	601.4	205.7	78.7	199.0		
Other indirect expenses...	...do....	252.1	51.7	69.9	94.8	66.9	86.8
Gross book value of fixed assets:	...do....	65,944.4	11,095.0	7,767.7	26,065.7	7,766.7	13,249.2
Oil and gas field properties...	...do....	64,543.7	10,571.2	7,688.7	25,552.8	7,626.5	13,104.5
Nonproducing properties...	...do....	14,062.8	1,895.3	1,784.7	5,991.7	1,527.2	2,863.8
Producing properties...	...do....	48,040.5	8,370.1	5,349.9	19,038.9	5,889.0	9,392.7
Work-in-progress...	...do....	2,440.3	305.7	554.1	522.3	210.3	848.0
Buildings, other structures, and machinery...	...do....	1,400.7	523.8	79.1	512.9	140.2	144.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 14.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE EXPENDITURES TO TOTAL EXPENDITURES: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>				
			.000	.001-.199	.200-.399	.400-.599	600-1 000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl.	2,512.5	355.7	115.8	236.5	1,583.1	221.4
From stripper well leases	do.	235.6	119.7	13.2	16.1	72.3	14.2
Lease condensate	do.	122.5	16.0	6.8	13.1	69.8	16.9
Natural gas	Bil. cu. ft.	17,495.5	2,810.2	1,348.5	1,616.6	9,424.2	2,295.9
Lease revenues	Mil. dol.	23,051.4	3,764.3	1,225.7	2,187.4	13,662.6	2,211.4
Crude petroleum and condensate	do.	16,772.5	2,619.0	777.2	1,575.2	10,364.0	1,437.1
Crude petroleum	do.	15,924.8	2,506.5	725.0	1,487.6	9,884.4	1,321.3
Lease condensate	do.	847.7	112.5	52.2	87.6	479.6	115.8
Natural gas	do.	5,552.0	917.2	370.3	547.9	3,003.4	713.2
Income received from oil and gas royalties	do.	651.4	194.4	67.0	56.8	279.6	53.6
Other lease revenues from producing operations	do.	75.6	33.8	11.3	7.5	15.5	7.5
Expenditures (capitalized and expensed)	do.	18,706.1	3,032.4	1,183.3	1,695.2	9,892.0	2,903.2
Exploration expenditures	do.	8,658.8	913.8	436.7	798.4	4,596.1	1,913.8
Drilling and equipping wells <sup>2</sup>	do.	1,580.5	561.1	185.2	135.6	520.8	177.9
Dry holes	do.	911.7	265.3	99.6	78.5	329.0	139.3
Oil	do.	177.5	106.7	13.1	9.1	42.5	6.1
Gas	do.	308.8	128.7	46.8	14.3	85.8	33.1
Work-in-progress adjustment	do.	182.5	60.3	25.6	33.7	63.5	-0.6
Lease and land acquisitions of nonproducing acreage	do.	5,774.0	192.0	143.7	481.4	3,358.1	1,598.8
Land department, leasing and scouting	do.	90.6	19.2	10.9	9.5	44.2	6.8
Geological and geophysical	do.	567.6	30.8	38.0	77.9	362.7	58.1
Lease rents	do.	177.8	40.6	18.6	16.7	82.9	19.0
Test hole contributions	do.	8.9	1.1	1.0	0.7	4.9	1.3
Other exploration expenditures, including direct overhead	do.	168.6	22.1	19.0	10.2	83.6	33.6
General and administrative overhead not reported elsewhere	do.	290.9	47.0	20.3	66.4	139.0	18.2
Development expenditures	do.	4,413.1	961.6	436.3	400.1	2,152.3	462.8
Drilling and equipping wells <sup>2</sup>	do.	2,265.2	564.9	163.9	201.0	1,059.7	275.7
Dry holes	do.	305.2	79.2	30.0	21.9	141.8	32.4
Oil	do.	984.6	264.1	47.1	87.3	482.1	104.0
Gas	do.	745.8	200.6	77.6	54.4	292.8	120.4
Work-in-progress adjustment	do.	229.6	21.0	9.2	37.4	143.0	18.9
Lease equipment	do.	824.1	135.6	41.1	114.9	431.1	101.3
Lease and land acquisitions of producing acreage	do.	474.0	59.4	186.5	14.1	203.0	11.0
Other development expenditures, including direct overhead	do.	625.4	151.6	25.9	31.3	368.4	48.2
General and administrative overhead not reported elsewhere	do.	224.4	50.1	18.8	38.7	90.2	26.6
Production expenditures	do.	5,634.2	1,157.0	310.3	496.8	3,143.5	526.6
Direct operating expenditures	do.	3,246.4	725.8	186.5	273.4	1,714.1	346.6
Operating and maintenance	do.	2,577.1	614.1	155.5	218.7	1,303.5	285.3
Workovers	do.	441.3	68.1	16.7	10.7	314.2	30.6
Other direct expenses	do.	228.0	42.6	14.2	44.0	96.4	30.7
Indirect operating expenditures	do.	2,387.7	431.1	123.8	223.4	1,429.5	180.0
Taxes (excluding income taxes)	do.	1,534.1	185.1	80.9	149.5	982.1	126.5
General and administration overhead	do.	601.4	186.0	29.2	67.7	276.3	42.2
Other indirect expenses	do.	252.1	49.9	13.7	6.2	171.1	11.3
Gross book value of fixed assets	do.	65,944.4	9,106.1	4,129.4	6,133.7	36,274.5	10,300.7
Oil and gas field properties	do.	64,543.7	8,613.6	4,087.8	5,899.8	35,704.0	10,238.6
Nonproducing properties	do.	14,062.8	1,105.3	673.8	1,122.0	7,785.7	3,376.1
Producing properties	do.	48,040.5	7,024.3	3,270.9	4,562.5	27,098.3	6,084.6
Work-in-progress	do.	2,440.3	484.0	143.1	215.4	820.1	777.8
Buildings, other structures, and machinery	do.	1,400.7	492.5	41.7	233.9	570.5	62.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>This ratio was derived by dividing the sum of the expenditure detail collected for offshore areas by the sum of the comparable detail for all geographic areas.<sup>2</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 15.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE ASSETS TO TOTAL ASSETS: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			.000	.001-.099	.100-.199	.200-.299	.300-1.000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,512.5	362.5	41.4	48.2	446.0	1,614.4
From stripper well leases	.....do.....	235.6	120.4	5.9	5.2	20.4	83.7
Lease condensate	.....do.....	122.5	16.0	2.9	2.5	17.9	83.2
Natural gas	Bil. cu. ft	17,495.5	2,820.5	494.0	474.1	2,945.9	10,761.0
Lease revenues	Mil. dol.	23,051.4	3,814.3	473.8	512.1	4,184.0	14,067.4
Crude petroleum and condensate	.....do.....	16,772.5	2,664.2	278.3	337.1	3,041.3	10,451.6
Crude petroleum	.....do.....	15,924.8	2,551.2	257.6	316.3	2,913.1	9,886.7
Lease condensate	.....do.....	847.7	113.0	20.7	20.8	128.2	565.0
Natural gas	.....do.....	5,552.0	920.5	143.5	148.5	1,021.5	3,318.1
Income received from oil and gas royalties	.....do.....	651.4	195.7	50.1	25.6	106.3	273.7
Other lease revenues from producing operations	.....do.....	75.6	33.9	2.0	1.0	14.9	24.0
Expenditures (capitalized and expensed)	.....do.....	18,706.1	3,083.5	573.8	408.6	3,280.0	11,360.2
Exploration expenditures	.....do.....	8,658.8	936.3	222.0	197.4	1,532.7	5,770.4
Drilling and equipping wells <sup>1</sup>	.....do.....	1,580.5	562.7	97.2	70.5	228.6	621.6
Dry holes	.....do.....	911.7	269.1	54.0	42.9	129.4	416.3
Oil	.....do.....	177.5	107.4	8.4	4.1	13.5	44.1
Gas	.....do.....	308.8	126.4	23.0	17.8	39.0	102.8
Work-in-progress adjustment	.....do.....	182.5	59.8	11.9	5.7	46.7	58.4
Lease and land acquisitions of nonproducing acreage	.....do.....	5,774.0	205.3	84.7	90.2	1,003.1	4,390.7
Land department, leasing and scouting	.....do.....	90.6	20.6	4.1	3.8	9.7	52.3
Geological and geophysical	.....do.....	567.6	33.3	10.4	18.4	110.8	394.7
Lease rents	.....do.....	177.8	42.2	8.4			86.2
Test hole contributions	.....do.....	8.9	1.1	0.6	5.9	38.0	4.3
Other exploration expenditures, including direct overhead	.....do.....	168.6	22.2	7.0	3.1	41.3	95.0
General and administrative overhead not reported elsewhere	.....do.....	290.9	48.9	9.6	5.5	101.3	125.6
Development expenditures	.....do.....	4,413.1	979.0	228.6	95.4	780.5	2,329.6
Drilling and equipping wells <sup>1</sup>	.....do.....	2,265.2	572.6	87.8	69.1	313.2	1,222.5
Dry holes	.....do.....	305.2	80.4	14.8	13.2	36.6	160.3
Oil	.....do.....	984.6	267.0	26.6	19.7	127.3	544.0
Gas	.....do.....	743.8	203.0	31.5	42.4	101.3	367.6
Work-in-progress adjustment	.....do.....	229.6	22.2	15.0	-6.2	48.1	150.6
Lease equipment	.....do.....	824.1	138.1	19.1	12.1	218.4	436.4
Lease and land acquisitions of producing acreage	.....do.....	474.0	64.4	110.3	3.5	131.5	164.4
Other development expenditures, including direct overhead	.....do.....	625.4	152.4	4.6	5.7	71.6	391.1
General and administrative overhead not reported elsewhere	.....do.....	224.4	51.6	6.7	5.1	45.8	115.2
Production expenditures	.....do.....	5,634.2	1,168.2	123.1	115.8	966.8	3,260.3
Direct operating expenditures	.....do.....	3,246.4	733.6	75.4	63.7	486.1	1,887.6
Operating and maintenance	.....do.....	2,577.1	620.0	68.8	57.3	392.2	1,438.8
Workovers	.....do.....	441.3	69.9	5.0	3.6	51.2	311.6
Other direct expenses	.....do.....	228.0	43.7	1.6	2.9	42.6	137.1
Indirect operating expenditures	.....do.....	2,387.7	434.6	47.8	52.0	480.6	1,372.7
Taxes (excluding income taxes)	.....do.....	1,534.1	197.0	31.9	32.1	296.4	976.8
General and administration overhead	.....do.....	601.4	187.2			112.0	275.5
Other indirect expenses	.....do.....	252.1	50.3	15.9	19.9	72.3	120.5
Gross book value of fixed assets	.....do.....	65,944.4	9,157.2	1,677.1	1,642.3	10,615.4	42,852.4
Oil and gas field properties	.....do.....	64,543.7	8,661.4	1,654.3	1,618.6	10,394.8	42,214.7
Nonproducing properties	.....do.....	14,062.8	1,091.3	273.3	313.3	2,110.0	10,275.0
Producing properties	.....do.....	48,040.5	7,085.0	1,309.1	1,234.0	7,930.1	30,482.4
Work-in-progress	.....do.....	2,440.3	485.1	72.0	71.4	354.7	1,457.2
Buildings, other structures, and machinery	.....do.....	1,400.7	495.7	22.8	23.7	220.7	637.8

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 16.--DETAILED STATISTICS GROUPED BY THE RATIO OF EXPLORATORY AND DEVELOPMENT DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPLORATION AND DEVELOPMENT EXPENDITURES: 1974

Item	Unit of measure	Total United States	(Net company interest basis) Company statistics grouped by selected size-class									
			.000	.001-.149	150-199	200-.249	.250-.299	.300-.349	.350-.399	.400-.499	.500-.599	.600-1,000
Sales volumes:												
Crude petroleum and condensate	Mill. bbl...	2,512.5	52.0	31.5	532.9	1,256.0	175.9	65.7	46.1	59.1	97.0	196.2
From stripper well leases...	...	235.6	28.6	2.1	26.3	56.9	16.1	8.0	4.9	13.1	18.1	61.3
Lease condensate...	...	122.5	0.7	2.1	23.6	58.6	5.9	3.6	5.7	3.3	8.3	10.6
Natural gas...	Bil cu. ft.	17,495.5	315.3	233.4	3,087.3	8,019.1	1,174.1	755.2	546.8	672.5	952.1	1,739.7
Lease revenues...	Mill. dol...	23,051.4	516.1	289.4	4,628.9	11,045.8	1,575.4	666.7	497.1	670.7	1,042.4	2,118.8
Crude petroleum and condensate...	...	16,772.5	386.4	202.4	3,380.2	8,331.0	1,173.6	449.0	313.0	420.3	684.1	1,432.5
Crude petroleum...	...	15,924.8	380.7	187.0	3,226.1	7,922.7	1,130.5	423.0	277.3	395.7	625.2	1,356.4
Lease condensate...	...	847.7	5.7	15.4	154.1	408.2	43.1	26.0	35.6	24.6	59.0	76.1
Natural gas...	...	5,552.0	85.2	72.8	1,074.8	2,540.1	340.0	192.4	166.6	206.3	320.5	553.3
Income received from oil and gas royalties...	...	651.4	42.5	14.2	161.0	162.8	61.8	24.9	14.6	41.1	30.5	111.3
Other lease revenues from producing operations...	...	75.6	2.1		12.8	12.0		0.5	3.0	3.0	7.3	21.7
Expenditures (capitalized and expensed)...	...	18,706.1	303.0	521.6	4,032.0	8,227.1	1,150.9	721.6	438.5	656.5	929.9	1,724.9
Exploration expenditures...	...	8,658.8	56.3	378.2	2,039.0	3,859.2	463.0	404.8	209.3	244.9	361.3	638.8
Drilling and equipping wells	...	1,580.5	-	24.5	200.2	440.2	74.2	63.6	63.0	82.4	170.1	462.3
Dry holes...	...	911.7	-	13.5	137.0	281.8	50.6	41.6	33.6	52.0	93.6	208.2
Oil...	...	177.5	-	1.1	10.3	38.5	5.6	3.1	4.2	11.4	23.1	80.2
Gas...	...	308.8	-	6.5	23.5	77.3	10.0	7.9	11.0	19.7	45.0	108.3
Work-in-progress adjustment...	...	182.5	-	3.4	29.5	42.8	8.0	11.0	14.3	-0.7	8.6	65.6
Lease and land acquisitions of nonproducing acreage...	...	5,774.0	52.6	326.6	1,579.0	2,826.6	303.7	278.0	100.8	105.3	99.7	101.8
Land department, leasing and scouting...	...	90.6	2.0	13.0	17.2	27.8	5.4	4.0	4.0	5.3	14.0	9.2
Geological and geophysical...	...	567.6			108.0	304.5	33.1	35.1	17.6	13.1	26.0	19.0
Lease rents...	...	177.8	0.7	3.1	25.4	69.3	14.3	9.0	4.7	14.4	15.7	21.7
Test hole contributions...	...	8.9	-	0.1	0.8	4.6	0.8	0.8	4.7	14.4	0.6	0.6
Other exploration expenditures, including direct overhead...	...	168.6	1.1	10.9	21.4	82.5	20.6	3.8	8.3	8.1	10.4	8.0
General and administrative overhead not reported elsewhere...	...	290.9			87.2	103.7	11.0	14.4	10.9	16.3	24.7	16.3
Development expenditures...	...	4,413.1	14.1	61.6	931.4	1,806.4	314.0	160.0	109.0	221.3	255.5	539.8
Drilling and equipping wells	...	2,265.2	-	20.9	328.4	874.3	142.7	111.0	62.0	131.4	172.8	421.7
Dry holes...	...	305.2	-	2.8	32.5	123.6	24.5	11.5	8.5	14.9	22.6	64.3
Oil...	...	984.6	-	7.0	138.5	410.6	64.3	43.3	25.2	43.8	66.1	185.8
Gas...	...	745.8	-	6.8	87.6	256.8	37.2	39.2	19.3	62.1	72.2	164.6
Work-in-progress adjustment...	...	229.6	-	4.3	69.9	83.3	16.7	16.8	9.0	10.7	11.8	7.1
Lease equipment...	...	824.1	6.2	6.1	215.0	351.2	52.0	25.2	23.5	37.2	45.0	62.8
Lease and land acquisitions of producing acreage...	...	474.0	7.9	5.1	127.2	176.7	69.5	23.9	15.9	11.0	6.8	12.0
Other development expenditures, including direct overhead...	...	625.4			204.3	328.1	38.2					
General and administrative overhead not reported elsewhere...	...	224.4	3.9	56.6	76.1	11.5	7.6	16.7	21.0	17.6	17.6	17.6
Production expenditures...	...	5,634.2			81.9	1,061.6	2,561.5	374.0	153.0	120.1	190.3	313.0
Direct operating expenditures	...	3,246.4	159.7	49.3	587.0	1,413.2	240.1	90.2	68.4	118.2	166.6	353.7
Operating and maintenance	...	2,577.1	134.1	40.3	484.1	1,051.2	193.7	72.5	54.5	101.6	141.0	304.2
Workovers...	...	441.3	14.6	9.1	47.7	382.0	46.5	17.7	13.9	11.3	16.5	31.0
Other direct expenses...	...	228.0	11.0		55.2							
Indirect operating expenditures...	...	2,387.7	72.9	32.6	474.6	1,148.4	133.8	62.6	51.7	72.2	146.4	192.5
Taxes (excluding income taxes)...	...	1,534.1	23.9	20.2	324.3	786.3	98.4	42.1	33.6	32.5	70.0	103.0
General and administration overhead...	...	601.4	43.0	11.2	90.5	234.4	31.4	20.6	18.2	38.0	54.9	68.2
Other indirect expenses...	...	252.1	6.0	1.2	59.8	127.6	4.1					
Gross book value of fixed assets...	...	65,944.4	1,463.0	1,465.8	13,145.1	30,930.5	4,377.7	2,220.7	1,388.6	2,562.3	2,921.9	5,468.8
Oil and gas field properties...	...	65,643.7	1,413.1	1,441.7	12,909.4	30,473.8	4,346.8	2,189.2	1,337.3	2,499.5	2,712.9	5,220.0
Nonproducing properties...	...	14,062.8	414.1	520.8	2,952.7	6,585.6	815.7	617.1	351.3	535.9	626.1	663.7
Producing properties...	...	48,040.5	999.1	921.0	9,389.8	22,741.6	3,363.6	1,531.4	919.0	1,879.0	1,987.8	4,391.6
Work-in-progress...	...	2,440.3	-	567.0	1,166.6	167.5	40.7	67.0	84.7	98.8	164.8	164.8
Buildings, other structures, and machinery...	...	1,400.7	50.0	21.1	235.6	456.7	30.9	31.5	51.3	62.7	209.0	248.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

\*Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 17.--DETAILED STATISTICS GROUPED BY THE RATIO OF DRY HOLE EXPENDITURES TO TOTAL DRILLING AND EQUIPPING EXPENDITURES: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class								
			.000-	.001-.099	.100-.149	.150-.199	.200-.299	.300-.399	.400-.499	.500-.699	.700-1.000
Sales volumes:											
Crude petroleum and condensate	Mil. bbl...	2,512.5	85.3	54.4	45.1	580.6	353.2	626.6	618.8	105.6	42.9
From stripper well leases...	.....do.....	235.6	45.2	12.9	8.1	39.6	19.2	41.1	36.9	18.6	14.2
Lease condensate.....	.....do.....	122.5	1.9	3.2	2.2	25.9	18.8	30.8	29.8	7.1	2.8
Natural gas.....	Bil. cu.ft.	17,495.5	555.6	389.9	891.4	3,237.5	1,965.5	4,709.8	4,280.3	1,118.4	347.1
Lease revenues.....	Mil. dol...	23,051.4	941.8	559.7	572.9	4,929.0	3,031.3	5,833.9	5,563.1	1,164.5	455.2
Crude petroleum and condensate.....	.....do.....	16,772.5	653.7	418.5	329.6	3,801.2	2,301.6	4,142.9	4,078.6	757.5	289.0
Crude petroleum.....	.....do.....	15,924.8	639.9	395.4	311.0	3,618.0	2,182.1	3,927.8	3,874.9	705.4	270.3
Lease condensate.....	.....do.....	847.7	13.8	23.1	18.6	183.1	119.4	215.2	203.7	52.1	18.6
Natural gas.....	.....do.....	5,552.0	212.6	113.6	227.4	1,027.6	679.5	1,526.6	1,364.9	277.4	122.5
Income received from oil and gas royalties.....	.....do.....	651.4	68.5	24.3	13.3	87.8	40.4	145.9	109.1	123.4	38.7
Other lease revenues from producing operations.....	.....do.....	75.6	7.0	3.3	2.6	12.4	9.9	18.5	10.5	6.3	5.1
Expenditures (capitalized and expensed).....	.....do.....	18,706.1	578.6	672.2	697.0	4,050.2	2,436.4	4,740.8	3,902.1	1,275.1	353.5
Exploration expenditures.....	.....do.....	8,658.8	85.1	167.2	341.4	1,829.6	1,062.8	2,439.3	1,805.3	753.1	175.0
Drilling and equipping wells <sup>1</sup>	.....do.....	1,580.5	19.6	83.2	68.9	162.8	225.1	369.5	375.8	214.0	61.8
Dry holes.....	.....do.....	911.7	-	10.7	16.4	75.6	109.3	230.8	241.5	164.5	62.9
Oil.....	.....do.....	177.5	5.2	19.3	7.4	27.2	26.3	25.7	40.2	24.6	1.4
Gas.....	.....do.....	308.8	13.4	21.0	15.2	23.8	63.8	67.9	69.6	23.8	10.4
Work-in-progress adjustment.....	.....do.....	182.5	1.0	32.1	29.8	36.1	25.8	45.1	24.4	1.1	-12.9
Lease and land acquisitions of nonproducing acreage.....	.....do.....	5,774.0	56.0	67.3	226.8	1,399.1	631.7	1,701.9	1,157.3	444.6	89.2
Land department, leasing and scouting.....	.....do.....	90.6	1.5	1.2	5.6	16.1	21.1	18.2	18.5	6.5	1.7
Geological and geophysical.....	.....do.....	567.6	2.3	3.6	16.7	129.9	89.4	151.2	134.4	35.3	4.8
Lease rents.....	.....do.....	177.8	3.0	4.1	7.2	23.7	30.5	49.0	37.0	18.3	5.2
Test hole contributions.....	.....do.....	8.9			0.3	0.8	0.6	4.4	1.8	0.8	0.2
Other exploration expenditures, including direct overhead.....	.....do.....	168.6	0.6	2.4	8.8	13.8	15.6	66.6	44.0	13.3	3.5
General and administrative overhead not reported elsewhere.....	.....do.....	290.9	2.2	5.5	7.1	83.3	48.7	78.6	36.5	20.4	8.6
Development expenditures.....	.....do.....	4,413.1	108.2	364.4	203.4	977.2	609.4	976.0	902.1	222.3	50.1
Drilling and equipping wells <sup>2</sup>	.....do.....	2,265.2	60.7	173.2	142.3	523.1	370.5	465.3	368.4	130.0	31.7
Dry holes.....	.....do.....	305.2	-	5.6	12.4	48.7	37.7	64.1	80.9	39.0	17.1
Oil.....	.....do.....	984.6	34.1	110.6	51.0	286.0	117.9	162.0	169.5	45.2	5.2
Gas.....	.....do.....	745.8	24.0	42.6	53.3	98.0	138.8	189.1	142.5	41.9	15.5
Work-in-progress adjustment.....	.....do.....	229.6	2.6	14.5	22.7	90.4	76.0	50.1	-24.5	3.9	-6.1
Lease equipment.....	.....do.....	824.1	21.7	34.3	27.9	197.4	79.7	225.4	181.8	48.9	6.9
Lease and land acquisitions of producing acreage.....	.....do.....	474.0	4.5	156.8	17.3	256.8	77.5	99.1	192.0	7.1	1.1
Other development expenditures, including direct overhead.....	.....do.....	625.4	6.8								
General and administrative overhead not reported elsewhere.....	.....do.....	224.4	14.4	6.1	24.0	51.7	35.4	14.7	4.6	1.1	0.6
Production expenditures.....	.....do.....	5,634.2	385.3	140.8	152.2	1,243.4	764.3	1,325.6	1,194.5	299.6	128.4
Direct operating expenditures	.....do.....	3,246.4	259.8	82.6	100.5	683.0	502.6	731.6	647.9	161.2	77.1
Operating and maintenance	.....do.....	2,577.1	208.6	71.3	88.4	530.6	388.3	604.3	483.7	137.3	64.5
Well workovers.....	.....do.....	441.3	24.3	8.9	7.3	152.3	114.3	86.7	164.3	14.0	7.3
Other direct expenses.....	.....do.....	228.0	27.0	2.4	4.8						
Indirect operating expenditures.....	.....do.....	2,387.7	125.5	58.2	51.7	560.5	261.7	594.0	546.6	138.5	51.2
Taxes (excluding income taxes).....	.....do.....	1,534.1	52.6	32.0	32.4	389.8	180.6	393.4	364.4	70.2	18.7
General and administration overhead.....	.....do.....	601.4	60.9	21.4	17.1	155.6	81.1	200.7	79.2	40.2	22.8
Other indirect expenses.....	.....do.....	252.1	11.9	4.8	2.1	15.0					
Gross book value of fixed assets.....	.....do.....	65,944.4	2,432.4	1,643.2	2,509.8	14,632.7	8,506.9	15,875.3	15,783.0	3,585.4	975.7
Oil and gas field properties.....	.....do.....	64,543.7	2,340.5	1,578.2	2,452.1	14,243.1	8,293.0	15,722.7	15,530.4	3,437.5	946.3
Nonproducing properties.....	.....do.....	14,062.8	468.2	172.3	610.4	3,242.3	1,361.7	3,809.3	3,076.1	1,147.2	175.2
Producing properties.....	.....do.....	48,040.5	1,856.2	1,056.0	1,722.3	10,762.0	6,623.4	11,540.4	11,556.6	2,165.0	758.6
Work-in-progress.....	.....do.....	2,440.3	16.1	349.8	119.4	238.7	307.9	373.0	897.6	125.3	12.5
Buildings, other structures, and machinery.....	.....do.....	1,400.7	92.0	64.9	57.8	389.6	214.0	152.7	252.6	147.9	29.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 18.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATORY DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPENDITURES: 1974

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.039	.040-.049	.050-.059	.060-.099	.100-.149	.150-.199	.200-.249	.250-.299	300-1,000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,542.5	119.5	636.7	241.3	546.2	670.6	97.7	41.4	49.6	33.0	76.3
From stripper well leases...	.....do.....	235.6	57.0	45.1	10.8	18.7	51.3	13.8	6.0	9.0	4.3	19.7
Lease condensate.....	.....do.....	122.5	1.5	28.7	12.1	25.2	27.9	10.3	3.6	4.0	3.4	5.7
Natural gas.....	8il. cu.ft.	17,495.5	794.5	3,904.1	1,689.1	3,666.2	1,040.6	1,179.6	403.6	630.8	483.7	703.2
Lease revenues.....												
Crude petroleum and condensate	Mil. dol...	23,051.4	1,285.8	5,397.1	2,249.8	4,749.5	6,046.6	1,029.1	494.2	552.0	398.0	849.4
.....do.....	.....do.....	16,772.5	928.6	1,111.5	1,597.6	3,559.9	4,518.3	628.0	286.8	358.4	234.9	548.6
Crude petroleum.....	.....do.....	15,924.8	916.7	3,914.7	1,515.1	3,389.8	4,321.5	559.8	260.0	329.3	208.1	510.0
Lease condensate.....	.....do.....	847.7	11.8	196.9	82.5	170.2	196.8	68.2	26.8	29.1	26.8	38.6
Natural gas.....	.....do.....	5,552.0	279.4	1,178.0	591.4	1,142.0	1,293.3	354.4	163.0	174.6	143.0	233.0
Income received from oil and gas royalties.....	.....do.....	651.4	71.6	98.3	52.1	43.8	211.7	40.9	39.0	16.5	16.8	60.8
Other lease revenues from producing operations.....	.....do.....	75.6	6.3	9.3	8.8	3.8	23.4	5.7	5.4	2.6	3.3	7.1
Expenditures (capitalized and expensed).....												
Exploration expenditures.....	.....do.....	18,706.1	781.3	4,870.5	1,948.6	2,933.3	4,684.9	1,135.1	663.5	506.4	388.1	794.6
Drilling and equipping wells <sup>1</sup>	.....do.....	8,658.8	69.7	2,324.3	859.9	1,350.2	2,243.1	605.2	308.0	229.0	185.9	483.6
Dry holes.....	.....do.....	1,580.5	(2)	142.7	83.6	160.1	344.9	138.0	119.2	114.5	101.6	375.9
Oil.....	.....do.....	911.7	-	91.6	57.2	106.2	223.0	92.0	68.1	50.1	60.0	163.6
Gas.....	.....do.....	177.5	-	14.2	6.4	10.8	25.6	12.7	11.1	16.3	9.8	70.6
Work-in-progress adjustment.....	.....do.....	308.8	-	14.4	10.9	35.5	52.3	21.4	31.6	31.2	24.4	87.3
Lease and land acquisitions of nonproducing acreage.....	.....do.....	182.5	(2)	22.4	9.1	7.7	44.1	12.0	8.4	17.0	7.3	54.4
Land department, leasing and scouting.....	.....do.....	5,774.0	57.4	1,933.5	640.7	961.2	1,493.6	362.7	142.8	75.2	45.0	61.9
Geological and geophysical.....	.....do.....	90.6	1.5	18.6	6.8	15.6	17.7	12.2	5.8	4.5	5.1	3.0
Lease rents.....	.....do.....	567.6	3.3	136.9	46.3	106.5	194.5	30.2	14.0	10.8	16.5	8.6
Test hole contributions.....	.....do.....	177.8	4.5	26.2	11.3	27.2	57.3	15.2	7.5	8.0	7.2	13.3
Other exploration expenditures, including direct overhead.....	.....do.....	8.9	0.1	1.0	0.4	1.0	4.3	1.1	0.1	0.3	0.2	0.4
General and administrative overhead not reported elsewhere.....	.....do.....	168.6	0.4	23.9	9.4	33.2	61.1	17.5	7.2	6.3	4.0	5.7
Development expenditures.....	.....do.....	290.9	2.6	41.6	61.4	45.5	69.7	28.2	11.2	9.4	6.4	15.0
Drilling and equipping wells <sup>1</sup>	.....do.....	4,413.1	212.0	1,197.0	539.0	577.8	1,032.5	256.3	232.0	136.2	109.6	120.4
Dry holes.....	.....do.....	2,265.2	132.7	635.0	210.7	277.8	491.5	146.9	106.5	100.0	84.0	80.2
Oil.....	.....do.....	305.2	15.2	59.2	23.0	32.5	80.9	23.3	16.9	13.4	18.0	22.8
Gas.....	.....do.....	984.6	66.6	341.5	113.8	111.6	206.2	45.3	27.8	24.0	23.7	24.2
Work-in-progress adjustment.....	.....do.....	745.8	41.4	118.1	67.5	90.3	184.5	63.3	50.7	48.6	46.6	34.7
Lease equipment.....	.....do.....	229.6	9.5	116.2	6.3	43.3	19.9	15.0	11.1	14.0	-4.2	-1.5
Lease and land acquisitions of producing acreage.....	.....do.....	824.1	41.0	168.8	161.4	82.7	242.5	46.2	25.0	19.3	16.4	20.9
Other development expenditures, including direct overhead.....	.....do.....	474.0	8.9	118.3	166.8	16.7	109.3	34.3	5.8	1.1	11.7	
General and administrative overhead not reported elsewhere.....	.....do.....	625.4	9.4	227.5		165.9	144.9	11.1		100.6	4.5	3.4
Production expenditures.....	.....do.....	224.4	20.0	47.8	104.1	34.7	44.3	17.9	6.6	4.6	5.6	
Direct operating expenditures	.....do.....	5,634.2	499.6	1,348.7		549.7	1,005.2	1,409.2		273.6	123.5	141.3
Operating and maintenance	.....do.....	3,246.4	333.5	775.1	297.6	535.0	821.7	165.1	72.0	84.7	51.7	110.0
Workovers.....	.....do.....	2,577.1	276.4	616.6	251.3	394.6	635.9	130.4	57.4	72.8	44.6	97.0
Other direct expenses.....	.....do.....	441.3	29.9	128.3	46.3	94.1	117.6	19.1	14.6	7.9	5.6	10.0
Indirect operating expenditures	.....do.....	228.0	27.2	30.3		46.2	68.2	15.7		15.7	3.8	1.4
Taxes (excluding income taxes).....	.....do.....	2,387.7	166.1	573.6	252.1	470.2	587.5	108.5	51.5	56.7	40.9	80.7
General and administration overhead.....	.....do.....	1,534.1	68.2	413.5	148.0	315.4	407.9	66.8	26.7	35.2	24.1	28.4
Other indirect expenses.....	.....do.....	601.4	83.1	149.3	104.1	69.0	131.3	30.5	17.8	20.5	16.9	34.0
Gross book value of fixed assets.....	.....do.....	252.1	14.7	10.8		85.9	48.4	11.2		7.0		1.0
Oil and gas field properties.....	.....do.....	65,944.1	3,567.1	16,766.0	6,474.9	10,913.4	17,733.7	3,767.1	2,045.5	1,439.3	1,436.8	1,800.6
Nonproducing properties.....	.....do.....	64,543.7	3,427.1	16,482.1	6,302.0	10,735.5	17,515.0	3,645.5	1,989.3	1,398.0	1,401.0	1,648.3
Producing properties.....	.....do.....	14,062.8	649.0	1,033.9	984.3	1,978.8	3,954.3	1,103.5	526.2	308.7	263.5	260.6
Work-in-progress.....	.....do.....	48,040.5	2,747.8	11,900.0	4,665.0	8,439.8	13,134.5	2,376.0	1,386.0	1,009.8	1,092.8	1,289.0
Buildings, other structures, and machinery.....	.....do.....	2,440.3	30.3	548.2	652.7	316.9	426.1	166.0	77.2	79.5	44.7	98.7
.....do.....	.....do.....	1,400.7	140.0	283.9	173.0	177.9	218.7	121.6	56.2	41.4	35.8	152.3

Note: Detailed figures may not add to totals because of independent rounding

- Represents zero.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.

Table 19. DETAILED STATISTICS FOR THE ONSHORE-LOWER 48 STATES GROUPED BY STRIPPER WELL LEASE SPECIALIZATION RATIO: 1974.

(Net company interest basis)

Item	Unit of measure	Total United States	Companies grouped by selected size class									
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.799	.800-1,000
Sales volumes:												
Crude petroleum and condensate.....	Mil. bbl...	2,108.0	832.9	878.1	161.1	35.5	46.8	26.0	20.8	12.1	19.0	75.7
From stripper well leases.....	.....do.....	233.5	22.4	64.2	18.4	6.0	11.2	9.0	9.3	6.7	13.2	73.2
Lease condensate.....	.....do.....	91.6	40.6	32.8	8.3	2.6	2.6	2.1	1.5	0.4	0.3	0.4
Natural gas.....	Bil. cu. ft.	11,207.6	5,831.0	4,678.3	1,563.5	345.4	435.4	337.3	259.8	93.1	178.8	484.9
Lease revenues:												
Crude petroleum and condensate.....	Mil. dol...	19,517.2	7,915.5	7,421.1	1,550.0	395.5	480.5	314.9	231.4	130.2	243.1	835.1
.....do.....	.....do.....	14,236.9	5,602.2	5,721.5	1,059.7	249.2	346.1	181.5	154.6	85.2	165.1	671.9
Crude petroleum.....	.....do.....	13,602.4	5,321.9	5,502.7	999.8	231.2	324.6	165.9	143.6	82.3	162.9	667.6
Lease condensate.....	.....do.....	634.5	280.3	218.8	59.9	18.0	21.6	15.6	11.0	2.9	2.2	4.3
Natural gas.....	.....do.....	4,568.4	2,012.2	1,520.7	415.8	110.4	115.7	94.4	67.2	27.7	65.8	138.5
Income received from oil and gas royalties.....	.....do.....	640.0	282.7	159.8	61.4	34.6	14.8	34.8	8.6	13.7	10.6	18.9
Other lease revenues from producing operations.....	.....do.....	71.9	18.4	19.1	13.1	1.3	3.8	4.2	1.0	3.6	1.5	5.8
Expenditures (capitalized and expensed):												
Exploration expenditures:												
Drilling and equipping wells <sup>1</sup> :												
Dry holes.....	.....do.....	1,164.4	535.4	196.0	137.8	41.0	65.9	25.4	30.1	11.1	18.1	103.7
Oil.....	.....do.....	620.4	292.7	125.1	66.8	23.8	32.9	16.1	7.5	6.4	8.2	41.0
Gas.....	.....do.....	164.1	68.3	29.2	20.8	8.8	12.6	2.6	2.1	0.9	5.4	13.5
Work-in-progress adjustment.....	.....do.....	265.0	130.3	35.0	34.7	8.0	18.2	6.5	8.0	3.8	5.0	15.5
.....do.....	.....do.....	115.0	44.1	6.7	15.4	0.4	2.2	0.2	12.6	-	-0.4	33.8
Lease and land acquisitions of nonproducing acreage.....	.....do.....	740.7	332.6	182.1	90.3	23.0	45.9	22.5	9.0	10.6	5.4	22.8
Land department, leasing and scouting.....	.....do.....	80.3	27.6	29.6	9.4	1.6	3.1	4.1	1.6			1.6
Geological and geophysical.....	.....do.....	357.2	161.8	129.3	39.3	7.2	7.6	2.3	4.3			3.7
Lease rents.....	.....do.....	159.8	72.9	41.5	18.1	5.4	5.4	4.4	3.4	0.5 (Z)	1.6 (Z)	7.1
Test hole contributions.....	.....do.....	7.9	4.0	2.1	1.1							0.3
Development expenditures:												
Drilling and equipping wells <sup>1</sup> :												
Dry holes.....	.....do.....	1,720.2	511.4	638.3	159.0	57.6	119.3	48.9	45.3	16.1	22.1	102.0
Oil.....	.....do.....	233.1	63.0	80.6	26.6	7.9	14.1	9.2	7.4	3.5	2.7	18.0
Gas.....	.....do.....	818.1	217.1	369.1	47.1	25.9	68.6	15.6	9.9	5.1	14.2	45.5
Work-in-progress adjustment.....	.....do.....	585.7	203.8	161.1	70.9	25.9	25.7			7.5	4.8	34.5
.....do.....	.....do.....	83.4	27.5	27.5	14.4	-2.1	10.9	24.0	28.1	-	0.4	4.1
Lease equipment.....	.....do.....	593.0	227.3	240.2	32.6	16.4	20.6	7.2	6.7			30.3
Lease and land acquisitions of producing acreage.....	.....do.....	428.0	143.5	126.7	102.7	7.9	27.4	5.1	2.1	8.6	7.8	7.7
Production expenditures:												
Direct operating expenditures:												
Operating and maintenance.....	.....do.....	2,738.7	873.2	1,108.0	218.0	58.3	99.9	59.3	44.9	24.1	42.0	211.0
Well workovers.....	.....do.....	2,211.7	685.5	880.4	176.8	52.1	90.8	45.0	38.2	22.1	35.7	185.1
Other direct expenses.....	.....do.....	360.1	110.3	188.7	19.1	5.3	5.8	3.4	6.2	1.3	4.4	15.6
.....do.....	.....do.....	166.8	77.5	38.9	22.1	0.9	3.3	10.8	0.5	0.7	1.8	10.3
Indirect operating expenditures:												
Taxes (excluding income taxes).....	.....do.....	1,415.1	579.9	591.5	106.4	25.0	37.1	23.7	9.8	5.1	9.1	35.1
Other indirect expenses.....	.....do.....	214.8	106.4	53.6	25.8			2.5	2.6	0.7	3.3	12.3
Gross book value of fixed assets:												
Oil and gas field properties.....	.....do.....	42,468.8	14,726.6	16,843.6	4,132.3	1,048.6	1,353.0	996.6	840.1	197.9	277.6	2,052.5
Nonproducing properties.....	.....do.....	41,255.2	14,313.6	16,505.3	3,976.5	1,017.9	1,294.1	948.5	819.5	187.6	245.2	1,947.0
Producing properties.....	.....do.....	3,329.0	1,271.5	951.4	429.2	135.3	147.6	122.2	92.3	14.4	16.3	148.8
Work-in-progress.....	.....do.....	26,792.5	12,647.9	15,130.4	3,451.6	867.1	1,094.5	797.9	690.4	173.1	228.9	1,719.5
Buildings, other structures, and machinery.....	.....do.....	1,133.7	394.1	423.6	95.7	15.5	52.1	28.6	36.8			78.7
.....do.....	Mil. dol...	1,213.6	413.1	338.3	155.8	30.6	58.9	48.1	20.6	10.3	32.4	105.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1974. However, figures for dry holes, oil wells, and gas wells completed during 1974 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1974, minus earlier year's drilling and equipping expenditures for wells completed during 1974.



PENALTY FOR FAILURE TO REPORT

DUPLICATE DATE: MAY 30, 1975

Form Approved OMB No. 4170-01

**Form MA-13K**  
3-7772

U.S. DEPARTMENT OF COMMERCE  
SOCIAL AND ECONOMIC STATISTICS ADMINISTRATION  
BUREAU OF THE CENSUS

## 1974 ANNUAL SURVEY OF OIL AND GAS

Please complete and return this form as soon as possible after receipt to:

**BUREAU OF THE CENSUS**  
1201 East Tenth Street  
Jeffersonville, Indiana 47130

**NOTE** - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20213.

If book figures are not available, carefully prepared estimates are acceptable. Complete every item.

If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

**NOTICE** - Response to this inquiry is required by law, Title 13, U.S. Code. By the same law, your report to the Census Bureau is confidential. It may be seen only by authorized Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to this Census File Number

PLEASE RETURN THIS COPY

Please correct errors in name, address and ZIP code. ENTER street and number if not shown

### GENERAL INSTRUCTIONS

#### PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during 1974 is required to submit data for columns (c) through (i) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during 1974 is required to submit data for column (m).

#### WHAT ACTIVITIES SHOULD BE REPORTED?

This report includes production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production.

#### WHAT PERIOD SHOULD REPORT COVER?

This report should cover calendar year 1974. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquid plants.

#### HOW SHOULD DATA BE ROUNDED?

All data entries except employment should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54,7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1 0, 1027.5 or 1,027,525.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47130

#### HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

**1. By Geographical Area** - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

**2. By Lease Classification** - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassified nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (test extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

**3. By Operator** - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c) Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c) Total United States, which applies to properties for which you are not the operator.

#### HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone		
				Area Code	Number	Extension
	This report is substantially accurate and covers the period from _____ to _____					
	Name of company	Address (Number and street, city, State)		ZIP code		
	Signature of authorized person	Title	Date			

# Appendix A—Continued

Page 2

1974 ANNUAL SURVEY OF OIL AND GAS																					
Line number	Item	Unit of measure	NET COMPANY INTEREST BASIS															GROSS OPERATOR BASIS			
			TOTAL UNITED STATES	GEOGRAPHICAL AREA					LEASE CLASSIFICATION					OPERATOR							
				Alaska		Lower 48		Oil leases (b)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)									
				Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)														
1	I. SALES VOLUMES		01016	01024	01032	01040	01057	01065	01073	01081	01089	01097	01105								
2	A. Total crude petroleum and condensate	Thousand barrels																			
3	1. From stripper well leases (included in line 1)	Thousand barrels	02014	02022	02030	02048	02055	02063	02071	02089	02097	02105	02113		1						
4	2. Lease condensate (included in line 1)	Thousand barrels	03012	03020	03038	03046	03053	03061	03079	03087	03095	03103	03111		2						
5	B. Natural gas	Million cubic feet	04010	04028	04036	04044	04051	04059	04077	04085	04093	04101	04119		3						
6	II. TOTAL LEASE REVENUES	Thousand dollars	05017	05025	05033	05041	05058				05090	05108			4						
7	A. Total crude petroleum and condensate	Thousand dollars	06015	06023	06031	06049	06056	06064	06072	06080	06088	06106	06114		5						
8	1. Crude petroleum	Thousand dollars	07013	07021	07039	07047	07054	07062	07086	07094	07096	07104	07112		6						
9	2. Lease condensate	Thousand dollars	08011	08029	08037	08045	08052	08060	08078	08086	08094	08102	08110		7						
10	B. Natural gas	Thousand dollars	09019	09027	09035	09043	09050	09058	09076	09084	09092	09100	09118		8						
11	C. Income received from oil and gas royalties	Thousand dollars	10017	10025	10033	10041	10058					10108			9						
12	D. Other lease revenues from producing operations	Thousand dollars	11015	11023	11031	11049	11056					11106			10						
13	III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)	Thousand dollars	12013												11						
14	A. Total exploration expenditures	Thousand dollars	13011												12						
15	1. Total drilling and equipping wells	Thousand dollars	14019	14027	14035	14043	14050	14058	14076	14084	14092	14100	14118		13						
16	a. Dry holes	Thousand dollars	15016	15024	15032	15040	15057	15065	15073	15081	15099	15107	15115		14						
17	b. Oil wells	Thousand dollars	16014	16022	16030	16048	16055	16063			16089	16105	16113		15						
18	c. Gas wells	Thousand dollars	17012	17020	17038	17046	17053		17079	17087	17095	17103	17111		16						
19	d. Work-in-progress adjustment	Thousand dollars	18010	18028	18036	18044	18051	18069	18077	18085	18093	18101	18119		17						
20	2. Lease and land acquisitions of nonproducing acreage	Thousand dollars	19016	19026	19034	19042	19059								18						
21	3. Land department, leasing, and scouting	Thousand dollars	20016	20024	20032	20040	20057								19						
22	4. Geological and geophysical	Thousand dollars	21014	21022	21030	21048	21055								20						
23	5. Lease rents	Thousand dollars	22012	22020	22038	22046	22053								21						
24															22						

## Appendix A—Continued

[illegible]

FORM MA 13K-13-05

PLEASE COMPLETE CERTIFICATION ON PAGE 1

# Appendix A—Continued

## INSTRUCTIONS FOR COMPLETING FORM MA-13C

### ▶ I. SALES VOLUMES

**▶ Line 1 – Total crude petroleum and condensate** – Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (l), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

**▶ Line 2 – From stripper well leases (included in line 1)** – Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

**▶ Line 3 – Lease condensate (included in line 1)** – Report the lease condensate sales volume included in total crude petroleum and condensate.

**▶ Line 4 – Natural gas** – Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (l), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

### ▶ II. TOTAL LEASE REVENUES

**▶ Line 5 – Total lease revenues** – Report the totals of lines 6, 9, 10, and 11.

**▶ Lines 6, 7, and 8 – Crude petroleum and condensate** – Report values comparable to the related volumes reported in I. SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (l), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

**▶ Line 9 – Natural gas** – Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (l), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

**▶ Line 10 – Income received from oil and gas royalties** – Report the net company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

**▶ Line 11 – Other lease revenues from producing operations** – Report the net company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

### ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

**▶ Line 12 – Total expenditures (Capitalized and expensed)** – Report on this line the totals of lines 13, 26, and 36. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallower-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 29 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 35, and 43 depreciation may be charged for office buildings, etc. where the total cash expenditure for such facilities are not reported elsewhere.

**▶ Line 13 – Total exploration expenditures** – Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

**▶ Line 14 – Total drilling and equipping wells** – Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 the sum of lines 15, 16, 17, and 18 equals expenditures during the survey year only.

### ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) – Continued

**NOTE** For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

**▶ Line 15 – Dry holes** – Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (l), report the net company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping exploratory dry holes during the period. Include non-operator costs.

**Instructions for lines 16 and 17 – Oil and Gas Wells** – Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (l), report the net company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total expenditures incurred during the period, on properties which you operated, for drilling and equipping successful exploratory wells. Include non-operators costs.

**▶ Line 16 – Oil Wells** – Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

**▶ Line 17 – Gas Wells** – Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

**▶ Line 18 – Work-in-progress adjustment** – Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

**▶ Line 19 – Lease and land acquisitions of non-producing acreage** – In columns (c) through (g), report the net company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

**▶ Line 20 – Land department, leasing, and scouting** – In columns (c) through (g), report the net company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing and rentals which should be reported on lines 19 or 22.

**▶ Line 21 – Geological and geophysical** – In columns (c) through (g), report the net company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and or when such tests are drilled in such a manner that productive completion is not possible.

**▶ Line 22 – Lease rentals** – In columns (c) through (g), report the net company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures which should be reported on line 20, and advance rentals, which are actually in the nature of a bonus which should be reported on line 19.

**▶ Line 23 – Test hole contributions** – Report the net company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

**▶ Line 24 – Other exploration expenditures, including direct overhead** – Report the net company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

**▶ Line 25 – General and administrative overhead not reported elsewhere** – Report the net company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and Research and Development (R & D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

# Appendix A—Continued

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

► **Line 26 — Total development expenditures** — In column (c), report the totals of lines 27, 32, 33, 34, and 35.

► **Line 27 — Total drilling and equipping wells** — Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells but exclude expenditures for well workovers which are to be reported on line 39. Also exclude expenditures for service wells which are to be reported on line 34. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditure during the survey year only.

**NOTE** For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 28 — Dry holes** — Report expenditures for casing, tubing, and well-head fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (i), report the net Company interest in all expenditures reduced by the amount of outside cash contributions such as bottom hole or dry hole) for drilling development dry holes.

In column (m), report the total expenditures incurred on properties which you operated, for drilling and equipping development dry holes during the period. Include non-operators costs.

► **Instructions for lines 29 and 30 — Oil and Gas Wells** — Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (i), report the net Company interest in all expenditures reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful development wells.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping successful development wells during the period. Include non-operators costs.

► **Line 29 — Oil wells** — Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 30 — Gas wells** — Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 31 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

**NOTE** Data for lines 32, 33, and 34 are to be combined for reporting in columns (k) and (l).

► **Line 32 — Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater-treaters, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

► **Line 33 — Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

► **Line 34 — Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines 27, 32, or 33 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for capital equipment constructed or purchased. Include fluid injection and improved recovery programs such as gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells associated with such programs. Facilities should include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection and water supply for injection.

Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations such as for mined sulfur, shale, uranium, or other minerals.

► **Line 35 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities including only those items which can be directly related to line 34. Include all other expenditures, and R & U expenditures. If engaged in activities for oil and gas, include under this heading all that pertain to general and administrative expenditures applicable to oil and gas development, production, but not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

► **Line 36 — Total production expenditures** — Report on this line the totals of lines 37 and 41. Do not include expenditures applicable to gas processing plants or gas systems.

► **Line 37 — Total direct operating expenditures** — Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 38, 39, and 40.

► **Line 38 — Operating and maintenance** — Report the net Company interest in normal daily operating expenses, such as wages for pumpers and other field personnel directly associated with oil and gas production, production personnel transportation expenses, materials and supplies consumed, and field office expense as well as surface repair and maintenance on lease equipment such as lease tank batteries, separators, pumps, buildings, and well producing equipment. Also report all other operating and maintenance expense except workover expense which is reported on line 39.

► **Line 39 — Well workovers** — Report the net Company interest in all expenditures directly related to well workovers for the period including expensed material, contract labor, etc.

► **Line 40 — Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines 38 and 39. (Specify kind of expenditure in the "Remarks" section on page 2 of the report form.)

► **Line 41 — Total indirect operating expenditures** — Report on this line the totals of lines 42, 43, and 44.

► **Line 42 — Taxes (excluding income taxes)** — Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24. Ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 34.

► **Line 43 — General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 37.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► **Line 44 — Other indirect expenses** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 42 and 43. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

## ► IV. TOTAL GROSS BOOK VALUE OF FIXED ASSETS

► **Line 45 — Total gross book value of fixed assets** — Report your own net company interest value before depreciation and amortization of all oil and gas field assets owned at the end of year, whether operated or non-operated, excluding the value of any assets belonging to others. Enter the original or acquisition cost of the fixed assets on the books of this company. Report on this line the totals of lines 46 and 50.

► **Line 46 — Total oil and gas field properties** — Report on this line the sum of lines 47, 48, and 49.

► **Line 47 — Nonproducing properties** — Report investment in undeveloped properties held for exploration purposes.

► **Line 48 — Producing properties** — Report vented investment in properties which are producing, including shut-in leases. Such investment should include capitalized leasehold costs, intangible development costs, and tangible lease equipment. Also report investment in related producing facilities beyond the lease which are directly related to lease production operations. Investments in items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines and storage tanks, lease gas gathering lines not part of gasoline or cycling plants, etc., should be included.

► **Line 49 — Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but is not yet completed at vented.

► **Line 50 — Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line 46. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Exclude natural gas liquid plants, gas distribution systems, and other non-field operating activities.

## ► V — TOTAL EMPLOYMENT

► **Line 51 — Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern if a corporation if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature to the company itself rather than for the general public. Examples of auxiliaries are: storage warehouses, garages, repair shops, research, development and testing laboratories.

### IMPORTANT NOTE

For immediate clarification of instructions or for other reporting problems contact area code (201) 763-7170.



DESCRIPTION OF SURVEY SAMPLE

1974 Annual Survey of Oil and Gas

The 1972 Census of Mineral Industries (CMI) concentration listings, which arrayed companies in descending total value of shipments and receipts (TVS) order, was the universe from which the sample used for the 1974 Annual Survey of Oil and Gas was selected. The universe consisted of those companies classed as operators of crude petroleum and natural gas fields as defined by the 1972 Standard Industrial Classification (SIC) Manual. Companies selected from the crude petroleum and natural gas industry (SIC 1311) accounted for 94 percent (uninflated) of the total value of shipments and receipts of this class of companies in 1972.

In 1972, the largest 250 companies accounted for 92.7 percent of the industry's value of shipments and receipts of \$15,690.8 million. These 250 companies were selected with certainty. From the remaining group of about 5400 companies, a stratified random sample of 250 companies was selected with probabilities proportionate to the average value of shipments in each stratum. The sample was augmented by the addition of about 60 companies, including oil and gas field contractors with secondary oil and gas operating revenues of \$2 million or more, and other companies with large nonoperating working interest in oil and gas field leases.

Such companies were either identified in trade literature or by responses to a special coverage questionnaire sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate stratum weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1 Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.

2 Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.

3 Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for a few key statistics comprising the basic tabulations. Based on stratified random sampling, the variance ( $\sigma_{X'}^2$ ) estimator used was

$$\sigma_{X'}^2 = \sum_h [ W_h ( W_h - 1 ) \sum_i ( X_{hi}^2 - \bar{X}_h^2 ) ],$$

where

$W_h$  =  $h$ th stratum weight,

$X_{hi}$  = unweighted value for the  $i$ th company in the  $h$ th stratum,

$\bar{X}_h$  = average value of the data item for the  $h$ th stratum.

Relative standard errors ( $V_{X'}$ ) were then obtained by the formula

$$V_{X'} = \frac{\sigma_{X'}}{X'},$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.





Appendix C

QUALIFICATIONS OF THE DATA

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the range:

- 1. From one standard error below to one standard error above the derived estimate for about two-thirds of all samples.
- 2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- 3. From three standard errors below to three standard errors above the derived estimate, almost always.

The following table contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

Table C-1. SELECTED STATISTICS AND RELATIVE STANDARD ERROR ESTIMATES

Item	Reporting basis	
	Gross operator	Net company interest
Crude petroleum and condensate.....million dollars..	20,937.8	16,772.5
Natural gas.....do.....	6,726.1	5,552.0
Assets.....do.....	(X)	65,944.4
Exploration drilling expenditures.....do.....	1,753.5	1,580.5
Development drilling expenditures.....do.....	2,445.0	2,265.2
Relative standard error estimates for--		
Crude petroleum and condensate.....percent.....	1	1
Natural gas.....do.....	1	2
Assets.....do.....	(X)	1
Exploration drilling expenditures.....do.....	5	4
Development drilling expenditures .....do.....	3	5

(X) Not applicable.

## Appendix C—Continued

For example, suppose an estimated total is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 included the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These operational errors

would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from the 1973 ASOG of those companies and from other information such as stockholder reports. Non-response companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.

Appendix D

DATA ITEMS USED FOR COMPUTING RATIOS FOR DISAGGREGATIVE TABLES

(See appendix A for copy of report form and instructions)

Table number	Numerator		Denominator	
	Line number(s) on report form and instructions	Column(s) from report form	Line number(s) on report form and instructions	Column(s) from report form
6	6+9-36	c	45	c
7	12	c	5	c
8	13	c	12	c
9	26	c	12	c
10	36	c	12	c
11	7+9	h	6+9	c
12	8+9	i	6+9	c
13	5	e+g	5	c
14	14+19+20+21+22+23+27+32+33 +37+42+44	e+g	14+19+20+21+22+23+27+32+33 +37+42+44	c
15	45	e+g	45	c
16	14+27	c	13+26	c
17	15+28	c	14+27	c
18	14	c	12	c
19	2	f	1	f





# U.S. DEPARTMENT OF COMMERCE

## Bureau of the Census

Washington, D.C. 20233

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE  
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OFFICIAL BUSINESS

SPECIAL FOURTH-CLASS RATE  
BOOK



# Annual Survey of Oil and Gas 1975

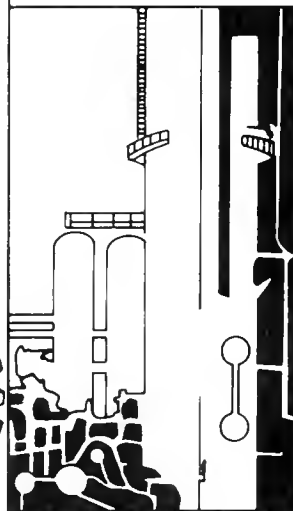
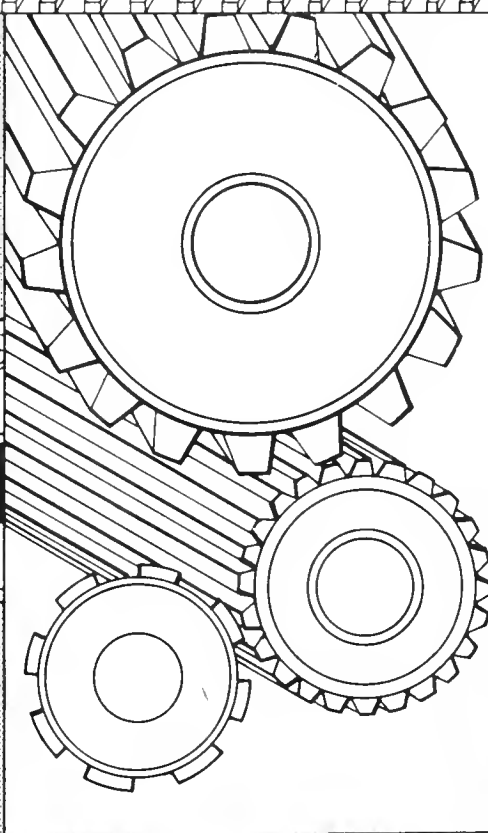
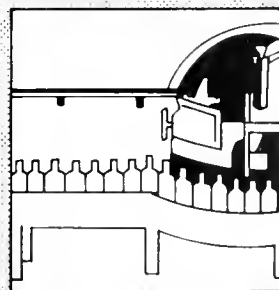
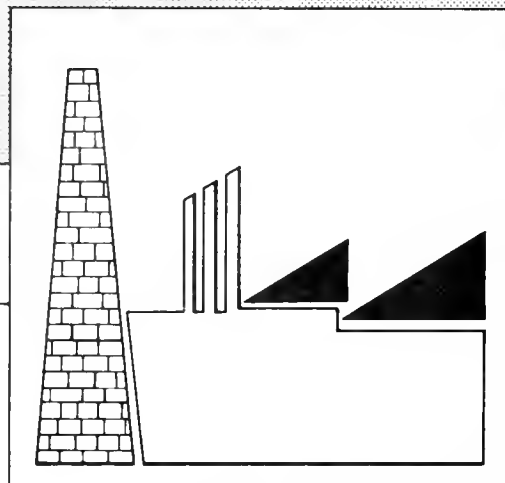
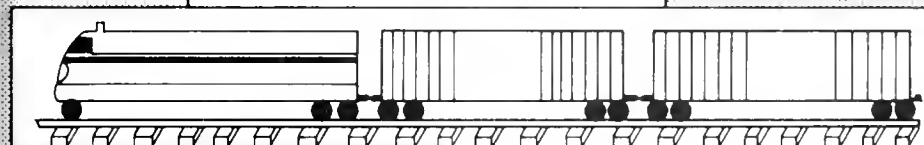
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for Economic Fields

INDUSTRY DIVISION  
Milton Eisen, Chief

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# EVALUATION QUESTIONNAIRE

## ANNUAL SURVEY OF OIL AND GAS 1975

FROM THE DIRECTOR  
BUREAU OF THE CENSUS

This agency, in its continuing effort to be responsive to the information needs of the public, industry, and Government, and as a commitment to do its part in resolving national energy problems, is seeking to improve information concerning the crude petroleum and natural gas industry.

We have included this evaluation questionnaire in this year's report as a means of obtaining user's comments and suggestions for improving our energy data system. Modification to future publications will be made based on this evaluation process. Your reply will allow us to develop a more useful publication.

Your cooperation in completing the inquiry below will be greatly appreciated.

Sincerely,

*Robert L. Hagan*

ROBERT L. HAGAN  
Acting Director

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			Government analysis and policy <input type="checkbox"/>		
			Individual company to industry comparisons <input type="checkbox"/>		

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a. Most useful?					
b. Least useful?					

<b>3. Which additional tables, additional data items, or modifications to published tables would you suggest?</b>	Suggested revisions _____ _____ _____
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<b>c. Address (Number and street, city, State, ZIP code)</b> _____ _____	<b>d. Telephone</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border-bottom: 1px solid black;">Area code</td> <td style="width: 40%; border-bottom: 1px solid black;">Number</td> <td style="width: 35%; border-bottom: 1px solid black;">Extension</td> </tr> </table>			Area code	Number	Extension
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# Annual Survey of Oil and Gas 1975

MA-13K(75)-1

Issued December 1976

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# Introduction

## SUMMARY OF SURVEY RESULTS

Revenues for crude petroleum and condensate on a gross operator basis<sup>1</sup> amounted to \$23,005 million in 1975, an increase of 10 percent from the 1974 figure of \$20,938 million. This increase, while significant, was substantially less than the 1973 to 1974 rate of increase for crude petroleum and condensate revenues, which was 61 percent. The major cause of the earlier revenue increase was the removal of domestic price constraints when the Organization of Petroleum Exporting Countries administratively quadrupled its prices while demand in the United States increasingly exceeded domestic supply. The 1975 sales volume of 3,111 million barrels was a 2-percent reduction from the 1974 figure of 3,159 million barrels which in turn represented a 6-percent decline from the 1973 figure of 3,348 million barrels. The 1975 average unit value of \$7.39 per barrel was 11 percent higher than the 1974 average value of \$6.63 and 90 percent above the 1973 average unit value of \$3.89.

Gross operator revenues for natural gas totalled \$8,967 million in 1975, an increase of 33 percent from the comparable 1974 figure of \$6,726 million. The identical increase of 33 percent also occurred between 1973 and 1974. However, the similarity ends with the rate of change for quantities. Corresponding quantity figures were 20,554 billion cubic feet in 1975, a decrease of 6 percent from the 1974 figure of 21,878 and an additional 2 percent below the 1973 figure of 22,315 billion cubic feet. The unit values per thousand cubic feet of natural gas were 22.7 cents in 1973, 30.7 cents in 1974, and 43.6 cents in 1975. The 1975 average unit value was 42 percent higher than in 1974 and 92 percent above 1973.

Gross operator expenditures for drilling and equipping wells completed during 1975 totalled \$5,776 million. This was a 38-percent increase over the 1974 level of completion expenditures of \$4,199 million and a 100-percent increase over the \$2,889 million expended during 1973. Expenditures attributable to completed exploration wells have been increasing at a faster rate than those for completed development wells for each well category (oil, gas, dry) since 1973 (chart A, part 1). Higher product prices tend to stimulate the level of drilling activity since areas which were formally not economic now have enough potential to justify additional exploration and development.

During 1975, expenditures for completed oil wells (\$2.05 billion) and gas wells (\$1.95 billion) exceeded expenditures for dry holes (\$1.77 billion). This represented substantial improvement over 1974, when expenditures for dry holes (\$1.56 billion) exceeded expenditures for oil wells (\$1.34 billion) and gas wells (\$1.30 billion). (Chart A, part 2.) The increased success

rate of these drilling efforts can, in part, be attributed to increased prices (and the anticipation of higher prices) since less output is required to make projects commercial.

The obverse of this increased successful drilling rate is the decline of the percentage of drilling expenditures which resulted in dry holes. Dry holes accounted for 31 percent of drilling expenditures in 1975, a significant reduction from 37 percent in 1974. A dry hole is defined as an exploratory or development well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well. This category, in conformance with standard industry nomenclature, includes wells which are temporarily abandoned prior to the installation of permanent production equipment, even though the wells may be completed for production at a later date. Also included as dry holes are offshore new-field wildcats which are drilled and abandoned even though substantial quantities of oil and/or gas may have been discovered. Separate data for such discovery wells are not available.

Drilling work-in-progress expenditures have been progressively higher during the past 2 years. Consequently, expenditures for drilling and equipping wells incurred within those years have been greater than expenditures for completed wells.

The increase in current year drilling expenditures reflects both an increase in drilling activity and an increase in the cost of drilling. The Independent Petroleum Association of America (IPAA) publishes a cost index<sup>2</sup> which provides an estimate of changes in drilling costs. These index figures were applied to the expenditures data from the ASOG to provide a measure of change in physical drilling activity (table A). On a constant dollar basis, the year to year change of these deflated costs (column C) or implied indexes of physical drilling activity indicate a 21 percent increase in 1974 and an 18 percent increase in 1975 over their preceding year levels.

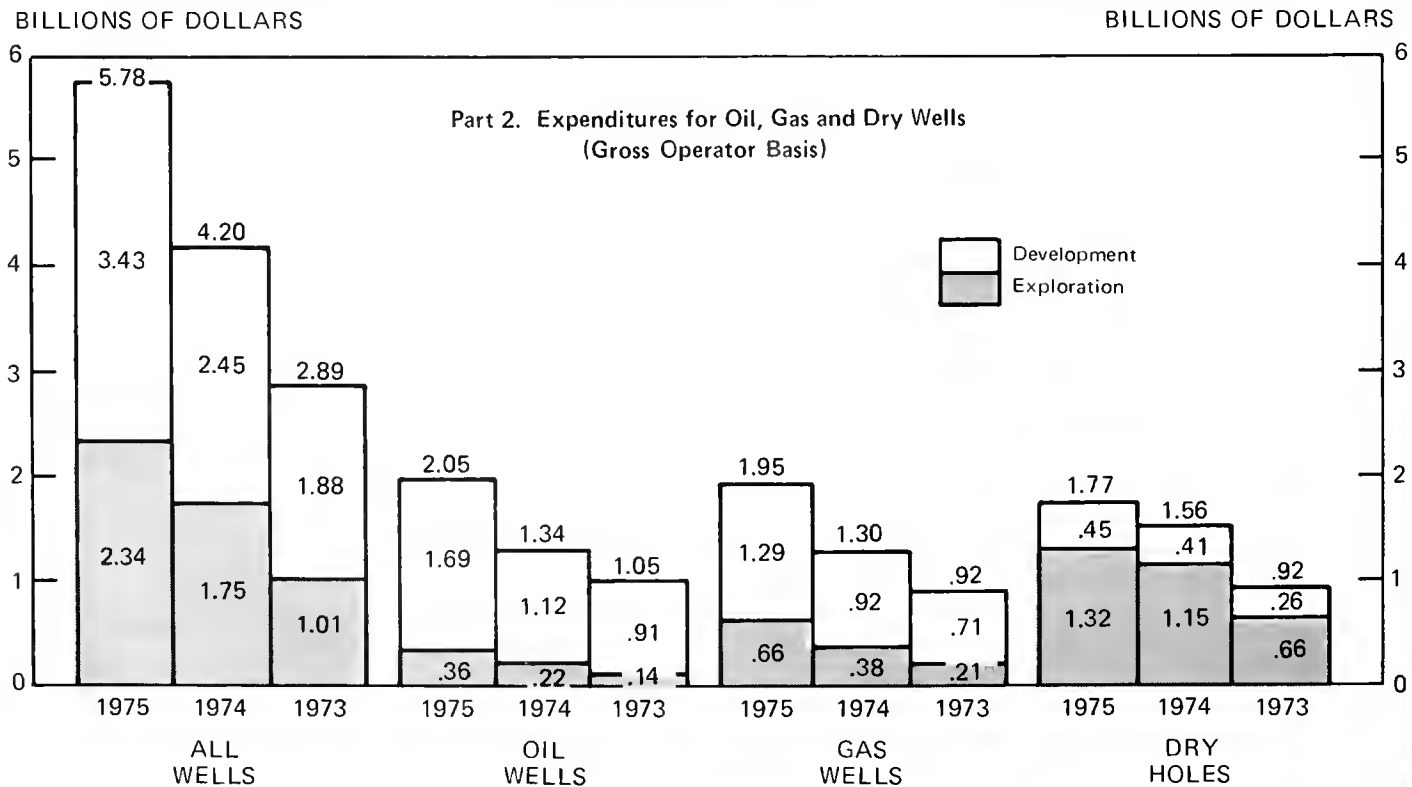
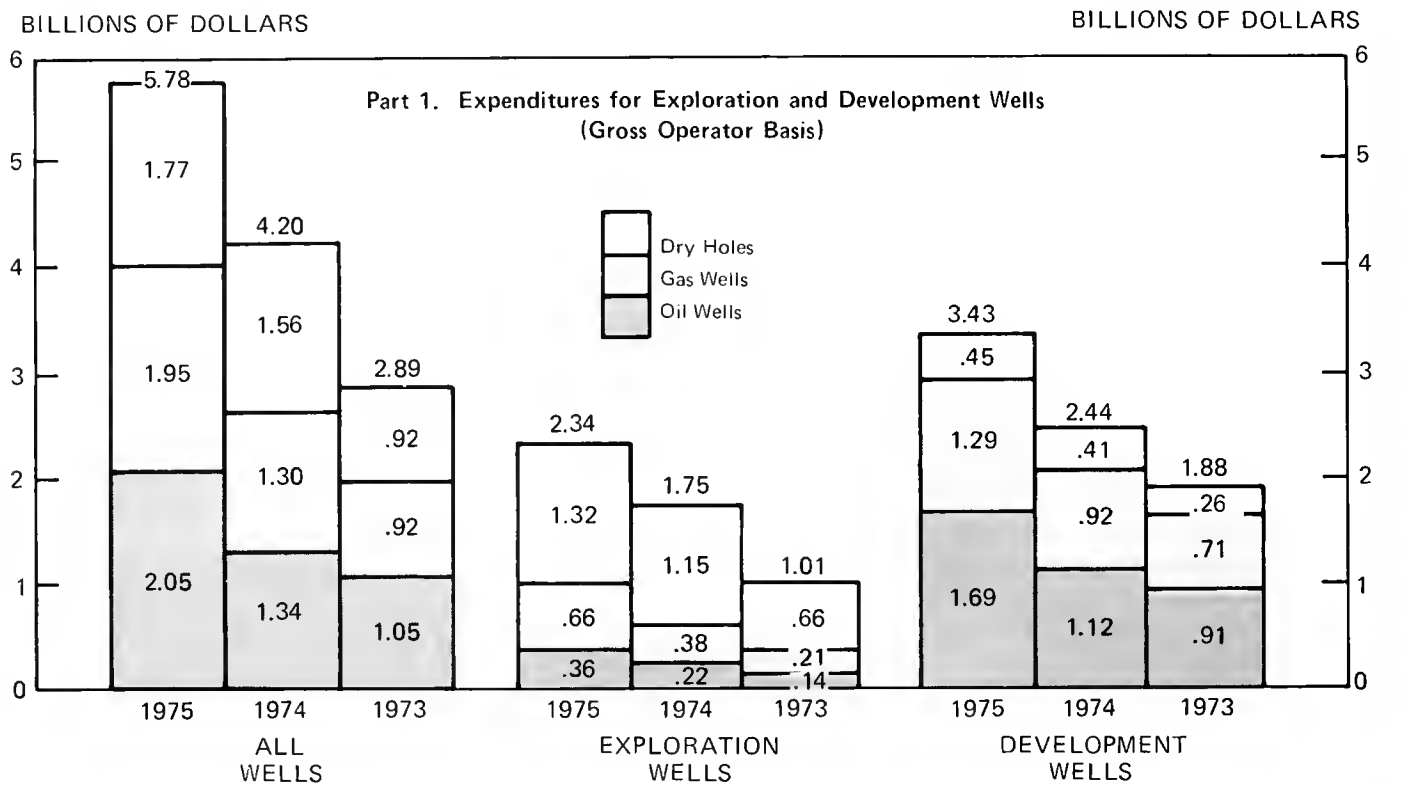
The major portion of the Annual Survey of Oil and Gas (ASOG) deals with statistics reported on a net company interest basis.<sup>3</sup> Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totalled \$18,142 million in 1975. Comparable revenues for natural gas were \$7,241 million. Related volumes were 2,414 million barrels and 16,138 billion cubic feet, respectively. The 1975 average unit values for both natural gas and crude petroleum and condensate on a net company interest basis varied by less than 3 percent from the average unit values reflected in gross operator statistics.

<sup>1</sup> See section "Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1975" for definition of terms.

<sup>2</sup> "Report of the Cost Study Committee," Independent Petroleum Association of America, May, 1976, table 1.

<sup>3</sup> See footnote 1.

Chart A. Expenditures for Wells Completed During the Year: 1975, 1974 and 1973



**Table A. Expenditures for Drilling and Equipping Wells in Current and in 1974 Dollars (Gross Operator Basis)**

Year	IPAA cost index <sup>1</sup>	Wells completed during the year (Millions of dollars)	
		Current dollars	Constant dollars
	A	B	C
1975.....	116.4	5,776	4,962
1974.....	100.0	4,199	4,199
1973.....	83.4	2,889	3,464

<sup>1</sup>Source: "Report of the Cost Study Committee," Independent Petroleum Association of America, May, 1976, table I.

The distribution of crude petroleum and condensate sales during 1975 and 1974 based on the average unit value calculated for each company is shown in chart B. Since reporting for this survey is at the company level, all crude petroleum and condensate sold by a company was assigned that company's average sales value for purposes of chart B. Thus, the 545 billion barrels shown for 1975 in chart B for the range \$7.25-\$7.49 represents the total sales volumes of all companies with an average price per barrel within that range. Note that this figure may differ drastically from the actual quantity sold by all companies at prices within this range. For instance, according to the Federal Energy Administration, 62 percent of all production sold was "old oil" in 1975. If the graph were based on the volumes sold at each transaction price, 62 percent of the distribution would have occurred in the "less than \$5.25" range since the upper limit of "old oil" was \$5.25 per barrel. The quantities sold in this range would center around \$5.03 per barrel in both 1974 and 1975,<sup>4</sup> the price average derived from prices as low as \$4.21 per barrel for some "old oil" in California that has a gravity price differential<sup>5</sup> of 6.2 cents per gravity degree to prices as high as \$5.25 for "old oil" sold without differentials. In both years the concentration of the distribution is slightly lower than the average unit value of all crude petroleum and condensate. This indicates that most large companies in the industry had average unit values slightly below the industry's average. In fact, 12 of the largest 16 companies (based on lease revenues) had average unit values less than the average unit value of \$7.52 per barrel in 1975 and 13 of these large companies averaged less than the \$6.67 per barrel average in 1974. The impact of the two-tier price system is reflected in that companies that had principally "stripper lease, new or released oil" are at the upper portion (higher value) of these distributions while companies with a product mix principally of "old oil" are at the lower end of these distributions. For instance, given a

price \$5.03 for "old oil" and \$12.03 for "new oil," which were the Federal Energy Administration's averages for "old oil" and "new oil" respectively in 1975,<sup>6</sup> a company with 62 percent of its oil being "old oil" would have an average unit value of \$7.69 per barrel and accordingly would fall into the \$7.50 to \$7.74 range of the distribution. As can be seen from a comparison of the 1974 and 1975 distributions, a substantial shift in average unit values at which companies sold their products occurred. This was due to price increases of "new, released, and stripper lease" oil.

The distribution of natural gas sales during 1975 is shown in chart C. This chart was developed using the same methodology as used for chart B and consequently, the same limitations apply. About 53 percent of the quantities distributed were below the average unit value of 44.9 cents per thousand cubic feet. Since this distribution is not bimodal, it may be assumed that either companies do not, for the most part, specialize in intrastate sales or that the price impact of higher prices in recent years for new gas contracts and amended or renegotiated contracts for companies specializing in intrastate sales haven't as yet brought about wide average price differentials between these companies and companies specializing in interstate gas sales.

The 1975 average unit values for onshore crude petroleum and natural gas increased more than for the corresponding offshore products (Chart D). This repeats the year-to-year pattern from 1973 to 1974. The higher onshore prices are another reflection of the impact of regulation on prices since most offshore natural gas sales were through interstate pipelines and a larger portion of crude petroleum and condensate sales from offshore lease were in the "old oil" category than from onshore areas. This information is based on statistics from table 4 in the 1974 and 1975 reports and table 3 in the 1973 report.

Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have shown a positive relationship to price increases. Stripper well output, which was sold at uncontrolled prices, increased from 207 million barrels in 1973 to 236 million barrels in 1974 and to 244 million barrels in 1975. Between 1973 and 1975 the average unit price of crude petroleum and condensate for companies with 80 percent or more stripper well lease specialization increased 199 percent from \$3.45 per barrel to \$10.33 per barrel, while the rate of increase for all companies was 96 percent, (table B). The major portion of this increase occurred between 1973 and 1974. The higher level of sales of crude petroleum from stripper well leases may, in part, be attributed to the higher prices paid for stripper output. The significant increase in prices for stripper output between 1973 and 1975 more than offset increases in operating costs, tending to extend the economic life of marginal wells and thereby increasing total stripper lease output. Table B partially illustrates this point. Note that in 1973, when for three-quarters of the year no crude petroleum prices were regulated, that no definite pattern of prices appeared by stripper well lease specialization ratio, while in 1974 and 1975 prices tended to decrease as companies became less specialized in stripper well output. In all years the amount of expenditures to revenues tended to be greater for companies with larger shares of output from stripper wells. The relatively greater price increases for companies with higher proportions of stripper output enabled them to increase stripper output since costs did not increase as much as their product

<sup>4</sup>"Monthly Energy Review," August 1976, Federal Energy Administration, pp. 62 and 63.

<sup>5</sup>The gravity price differential is a penalty imposed on crude petroleum of densities heavier than the 40° norm since these oils are more costly to process and yield a smaller proportion of more valuable refined products.

<sup>6</sup>See footnote 4.

Chart B. Distribution of Crude Petroleum and Condensate Sales Volume  
Based on Average Unit Value of Each Company: 1975 and 1974

(Net Company Interest Basis. For Each Company, Average Unit Value was  
Derived by Dividing the Company's Total Sales Revenue by Quantity Sold)

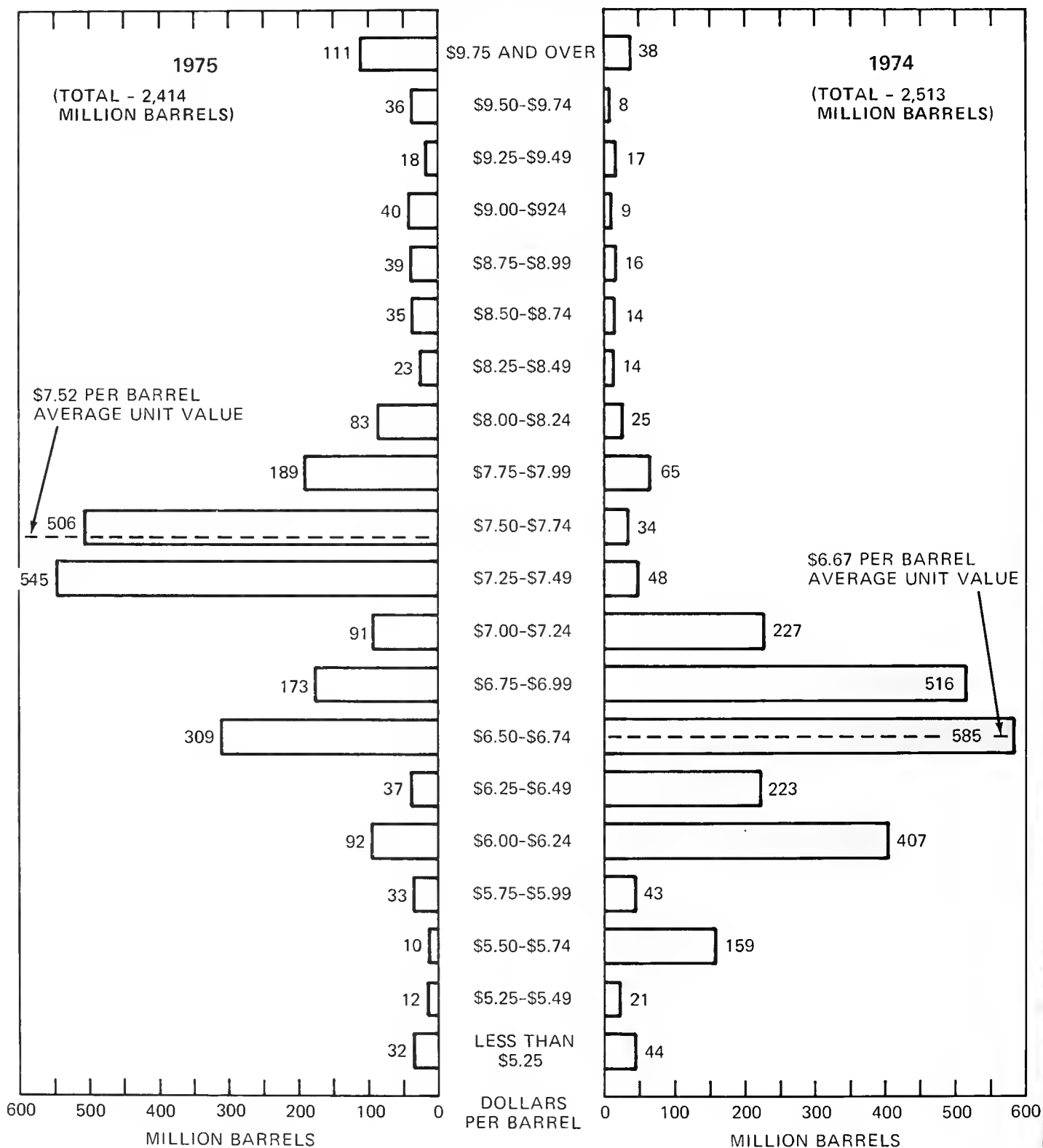




Chart C. Distribution of Natural Gas Sales Volumes Based on the Average Unit Value of Each Company: 1975

(Net Company Interest Basis. For Each Company, Average Unit Value was Derived by Dividing Company's Total Sales Revenue by Quantity Sold)

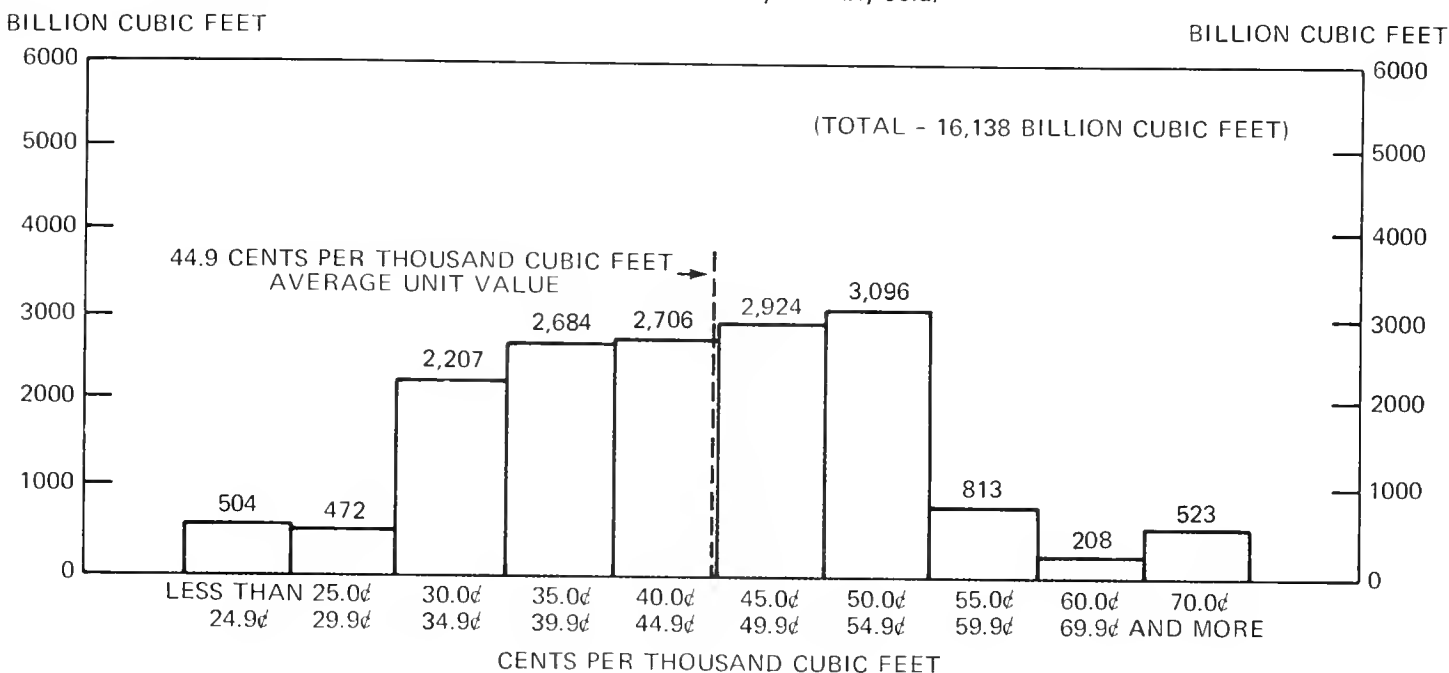
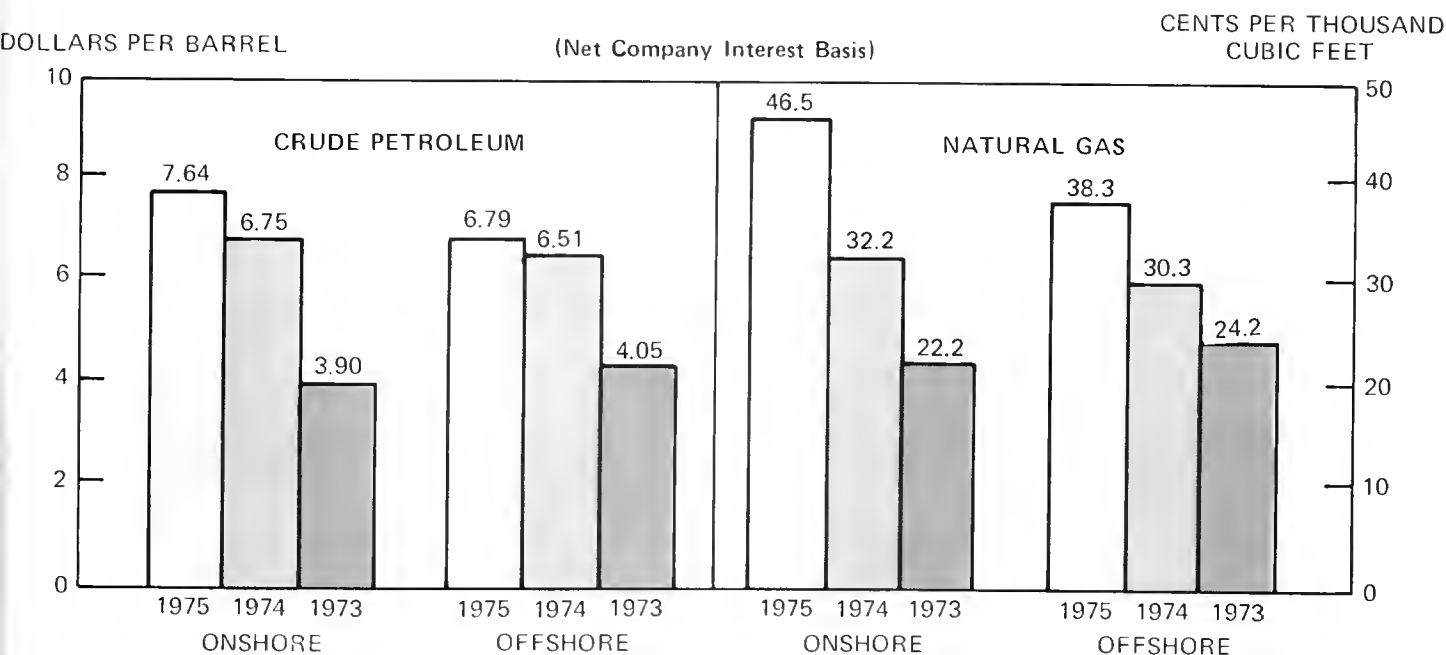


Chart D. Average Unit Values of Onshore and Offshore Crude Petroleum and Natural Gas: 1975, 1974 and 1973



prices. Part of the price/cost advantage obtained from 1973 to 1974 was lost from 1974 to 1975 which is illustrated by the direct operating expenditures ratio for all companies. Additionally, an inspection of table 19 in the 1974 and 1975 ASOG reports and of table 16 of the 1973 ASOG report (from which table B was derived) show a tendency for output to come increasingly from companies in higher stripper well lease specialization groupings, e.g., the share of output from companies with less than 5 percent specialization decreased from 50 percent of the lower 48 states output in 1973, to 40 percent in 1974 and to 29 percent in 1975; whereas companies within the .100-.149 range increased from 6 percent in 1973 to 8 percent in 1974 and to 17 percent in 1975.

Chart E shows the proportions of various statistics accounted for by groups of companies ranked by the value of their lease revenues. Figure 1 shows the net company interest oil and gas revenues for the largest 8 and the next largest 24 companies as a percentage of gross operator oil and gas revenues. The ownership share of the eight largest companies during 1975 amounted to 39 percent of all oil and gas revenues. This figure has decreased since 1973. Figures 2 and 3 include percentages calculated solely from table 3, and accordingly represent net working interest statistics. During 1975, the largest eight companies owned 46 percent of the assets of oil and gas field properties and accounted for 44 percent of the expenditures for acquiring nonproducing leases. Their proportion of such expenditures was 8 points less than the 52 percent accounted for by the 8 largest companies in 1974. Table 3 of the report includes additional detailed statistics based upon the lease revenue of oil and gas companies.

Chart F provides information regarding the current status of exploration, development, and production activity by geographic area and changes that have occurred since 1973. The onshore lower 48 States are primarily in a production phase of

operation whereas the offshore lower 48 States and Alaska are primarily in exploration and development phases. The various shares in the illustrations in Chart F give a picture of the mix of activities for the geographic areas with major operational differences.

Expenditures for acquiring nonproducing leases totalled \$1.6 billion in 1975 after having reached levels of \$5.8 billion in 1974 and \$3.6 billion in 1973. This decrease occurred even though an early 1975 industry journal survey<sup>7</sup> indicated that companies had budgeted about \$5.0 billion for Federal Outer Continental Shelf (OCS) lease bonuses.

The Bureau of Land Management (BLM) offered a record amount of acreage in 1975<sup>8</sup> which exceeded 1974 acreage offered by 45 percent. The acreage ultimately leased was the third highest since such sales began in 1954 and was only exceeded by the 1962 and 1974 OCS lease sales.

Figure 4, chart F, shows that 62 percent of the lease acquisition expenditures for nonproducing acreage were in the offshore lower 48 States. A predominant part of these expenditures came about at the OCS sales held by BLM. Lease bonus expenditures amounted to \$1.1 billion during 1975. Since 20 percent of the amount of each successful bid had to be paid at the time of sale and the remaining 80 percent within 30 days, the \$4 billion expenditures of December 1975 could have been reported in the 1975 ASOG in whole or in part, depending on the accounting options taken by the respective companies.

<sup>7</sup>"Oil and Gas Journal," February 3, 1976

<sup>8</sup>"Outer Continental Shelf Statistics," Dept. of Interior, Geological Survey, June 1976, pp. 15-17.

Table B. Selected Ratios for the Lower 48 States, by Stripper Well Lease Specialization: 1975, 1974, and 1973

(Net company interest basis)

Stripper well lease specialization ratio <sup>1</sup>	Direct operating expenditures to lease revenues			Crude petroleum and condensate unit value (dollars per barrel)			Percentage of total crude petroleum and condensate		
	1975	1974	1973	1975	1974	1973	1975	1974	1973
.800-1.000.....	.279	.253	.359	10.33	8.88	3.45	3.1	3.6	3.2
.600-.799.....	.228	.173	.348	9.09	8.69	3.93	1.1	0.9	0.8
.500-.599.....	.235	.185	.335	9.73	7.04	4.07	0.5	0.6	0.4
.400-.499.....	.241	.194	.227	8.61	7.43	3.94	1.3	1.0	1.1
.300-.399.....	.205	.188	.247	8.88	6.98	3.70	1.3	1.2	1.2
.200-.299.....	.179	.208	.223	8.66	7.40	3.66	2.6	2.2	1.9
.150-.199.....	.163	.147	.232	7.72	7.02	3.79	1.9	1.7	1.7
All companies.....	.153	.140	.176	7.65	6.75	3.90	100.0	100.0	100.0
.100-.149.....	.156	.141	.188	7.53	6.58	4.03	16.8	7.6	5.5
.050-.099.....	.168	.149	.131	7.35	6.53	3.98	42.8	41.7	33.9
.000-.049.....	.099	.110	.184	7.60	6.73	3.88	28.6	39.5	50.3

<sup>1</sup>The stripper well lease specialization ratios were derived individually for each year by dividing the quantity of stripper well lease crude petroleum and condensate by the total quantity of crude petroleum and condensate sales for each company.

Chart E. Distribution of Selected Items for Companies Ranked by  
Total Lease Revenues: 1975, 1974 and 1973

 Largest 8 Companies
  Companies Ranked 9th thru 32nd
  All Other Companies

FIGURE 1. OIL AND GAS REVENUES

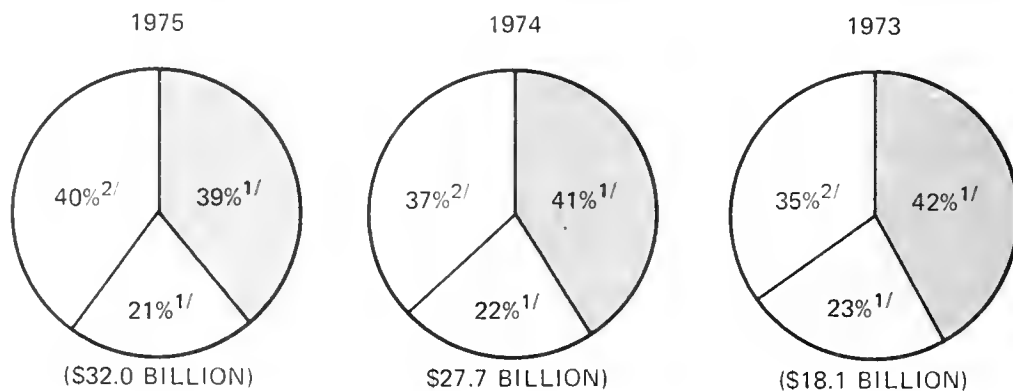


FIGURE 2. ASSETS OF OIL AND GAS FIELD PROPERTIES

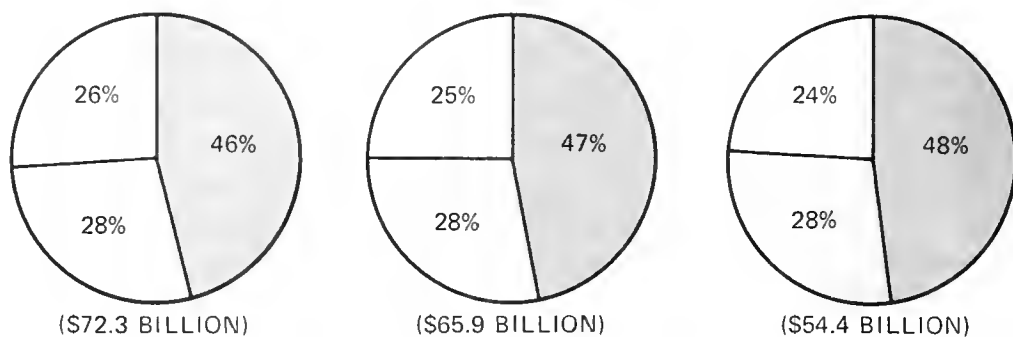
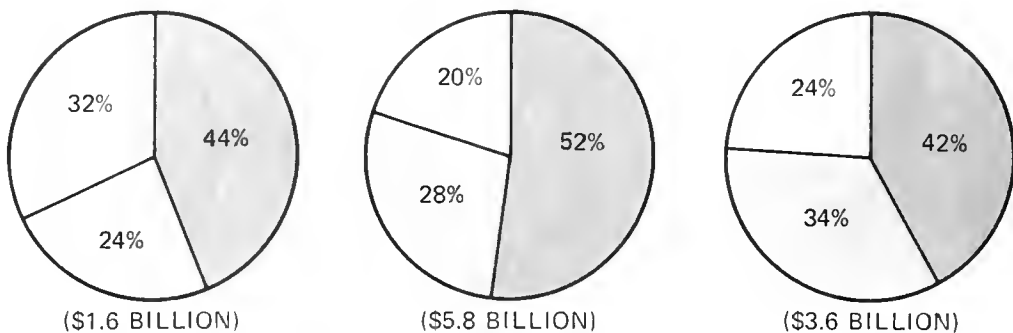


FIGURE 3. EXPENDITURES FOR ACQUIRING NON-PRODUCING LEASES (OIL AND GAS MINERAL RIGHTS)



<sup>1/</sup> Represents net company interest share of gross oil and gas revenues.

<sup>2/</sup> Includes figures for nonoperating interest holders derived by difference between gross operator and net company interest statistics.

Chart F. Distribution of Selected Items by Geographic Areas:  
1975, 1974 and 1973

(Net Company Interest Basis)

Offshore Lower 48 States

Onshore Lower 48 States

Alaska

FIGURE 1. TOTAL LEASE REVENUE

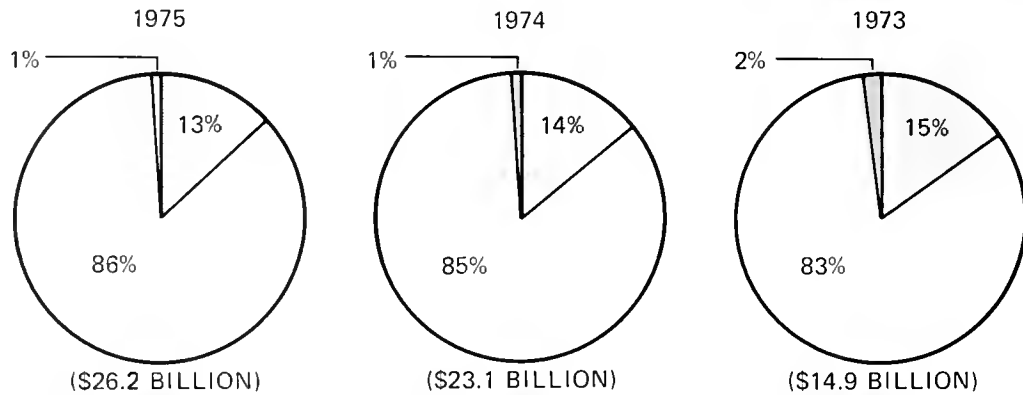


FIGURE 2. ASSETS OF OIL AND GAS FIELD PROPERTIES

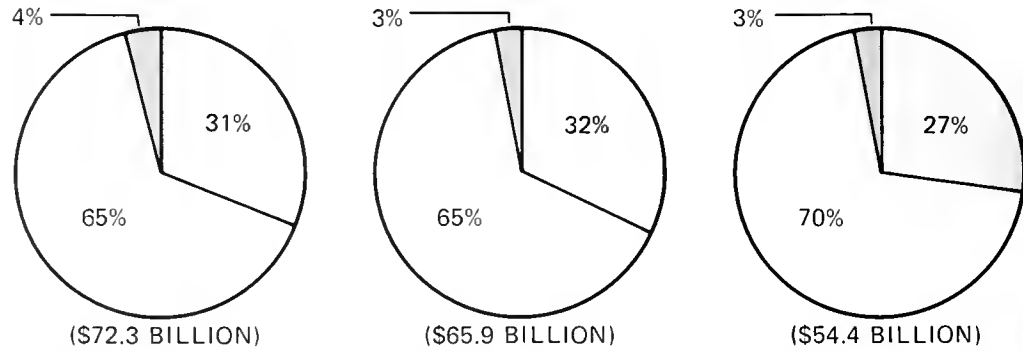


FIGURE 3. EXPENDITURES FOR DRILLING AND EQUIPPING WELLS

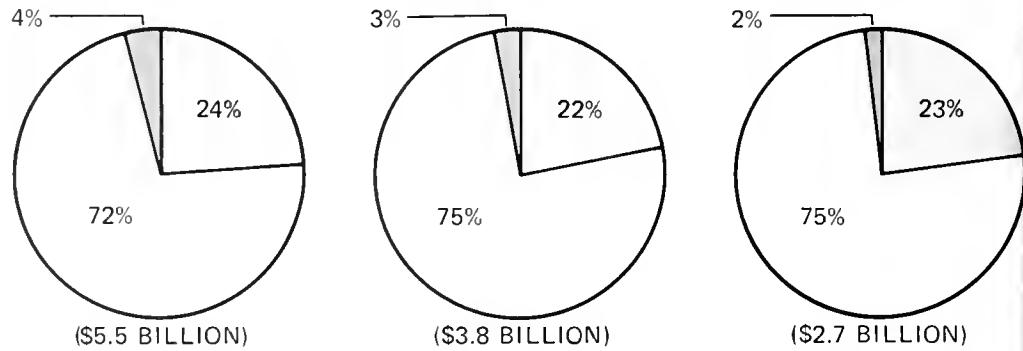
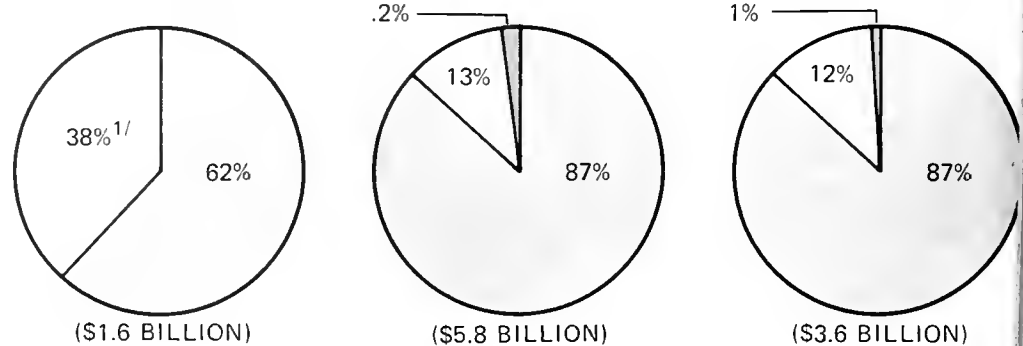


FIGURE 4. EXPENDITURES FOR ACQUIRING NON-PRODUCING LEASES (OIL AND GAS MINERAL RIGHTS)



<sup>1/</sup> Alaska combined with onshore lower 48 States to avoid disclosure of individual company data.

Of the net company interest total of 2,414 million barrels of crude petroleum and condensate, 1,734 million barrels were produced from leases containing only oil wells, 81 million barrels (of condensate) were produced from gas leases, and 599 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 16,138 billion cubic feet of natural gas showed that 10,286 billion cubic feet were produced from leases containing only gas wells, 1,576 billion cubic feet (of casinghead gas) were produced from leases containing only oil wells, and 4,277 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart G, net company interest expenditures for exploration, development, and production amounted to \$18.6 billion in 1975. Of this total, exploration accounted for \$5.3 billion; development, \$6.4 billion; and production, \$6.8 billion. This represents a decrease in total expenditures of 1 percent from 1974. The above components changed by percentages of -39, +46, and +21, respectively. If expenditures for acquiring nonproducing leases were excluded from this analysis, the 39 percent decline in exploration expenditures would have been reversed to an increase of 28 percent. Similarly, the 1-percent decline in total expenditures would have been a 31-percent increase.

During 1975, the industry's total expenditures for exploration, development, and production decreased by \$.1 billion while lease revenues increased by \$3.2 billion. Although revenues did not increase as dramatically in 1975 as in 1974, nevertheless, the proportion of total expenditures to revenues decreased to 71 percent from the 1974 level of 81 percent. The changes in the expenditure to revenue percentage by company size groupings is shown in chart H. The former pattern where expenditures for lease acquisitions of nonproducing acreage was the single largest expenditure item is not the case in 1975, where expenditures for drilling and equipping development wells has become the largest category.

Chart I is based on statistics from table 3 and shows a slight increase in the percentage of revenue expended for production between 1974 and 1975. There were small variations in lease revenues expended for production for the groups including the largest 200 companies. Each of these groups expended between 23 and 28 percent of their revenues for production in 1975. The position of the "all other" companies category was within 9 percent of the industry average in 1975 compared to 10 percent in 1974 and 17 percent in 1973. Thus the tendency for smaller companies to spend a higher percentage of lease revenues for production continued. Production expenditures do not represent all expenditures actually incurred for production since income taxes, depletion, depreciation, amortization, and interest on investment are excluded.

The preceding summary information was based on statistics which appear in tables 1 through 5 and table 19. These include aggregates of all detailed data collected for this survey. Tables 6 through 19 feature disaggregated statistics. For these tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 19 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphics presented in this report focus attention on some of the significant findings of this report.

#### COMPARABILITY OF NET COMPANY INTEREST STATISTICS TO GROSS OPERATOR BASIS STATISTICS: 1975

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to

Table C. Comparison of Gross Operator and Net Company Interest Statistics: 1975, 1974, and 1973

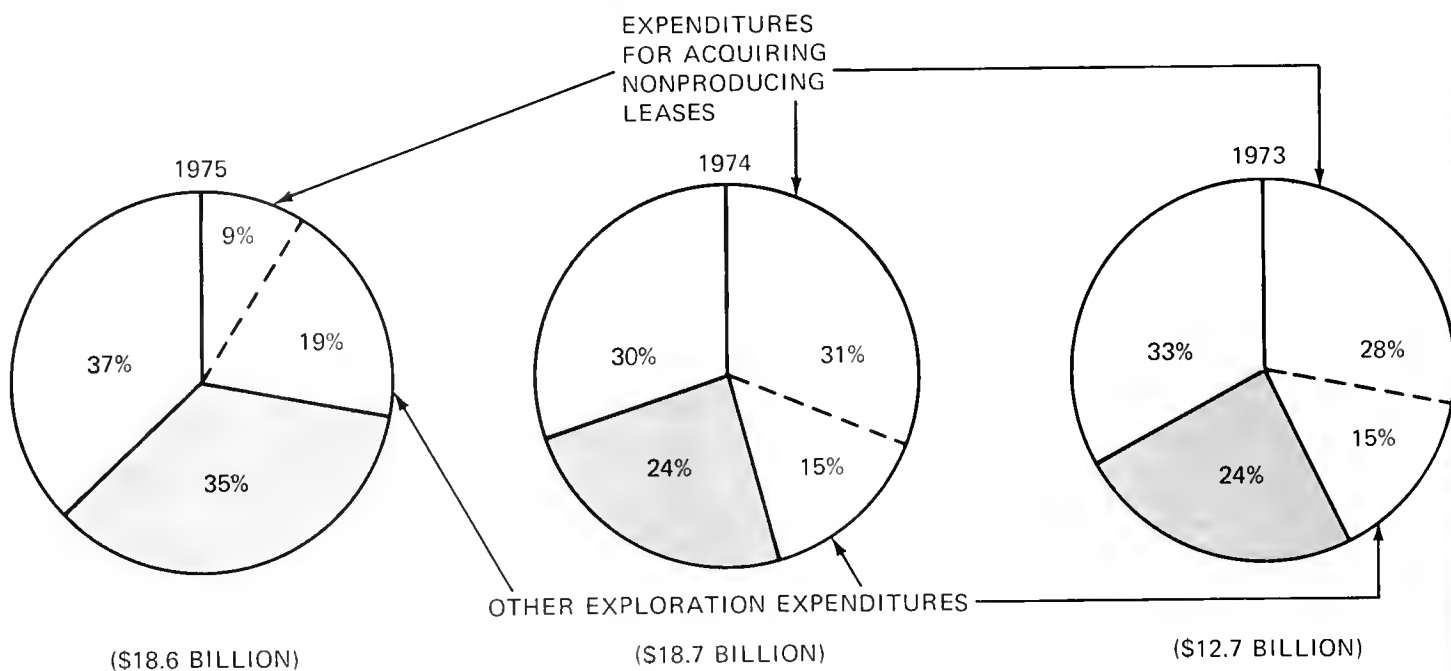
Year	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cubic feet)	Value (million dollars)	Unit value (dollars per barrel)
1975:						
Net company interest basis.	2,414.0	18,142.2	7.52	16,138.3	7,240.9	44.9
Gross operator basis.....	3,111.4	23,004.7	7.39	20,554.3	8,967.1	43.6
Net-gross ratio.....	.776	.789	1.018	.785	.807	1.030
1974:						
Net company interest basis.	2,512.5	16,772.5	6.67	17,495.5	5,552.0	31.7
Gross operator basis.....	3,159.3	20,937.8	6.63	21,877.8	6,726.1	30.7
Net-gross ratio.....	.795	.801	1.006	.800	.825	1.033
1973:						
Net company interest basis.	2,643.1	10,345.6	3.91	18,057.3	4,058.8	22.5
Gross operator basis.....	3,347.7	13,039.6	3.89	22,314.7	5,064.1	22.7
Net-gross ratio.....	.790	.793	1.005	.809	.801	.991

Chart G. Distribution of Exploration, Development and Production Expenditures: 1975, 1974 and 1973

Exploration

Development

Production



**Chart H. Total Expenditures (Exploration, Development and Production) as a Percentage of Revenues for Companies Ranked by Total Lease Revenues: 1975, 1974 and 1973**

(Based on Net Company Interest Data Shown in Table 3 of the 1975 and 1974 Reports and Table 2 of the 1973 Report)

COMPANY  
RANKING  
BASED ON  
LEASE  
REVENUES

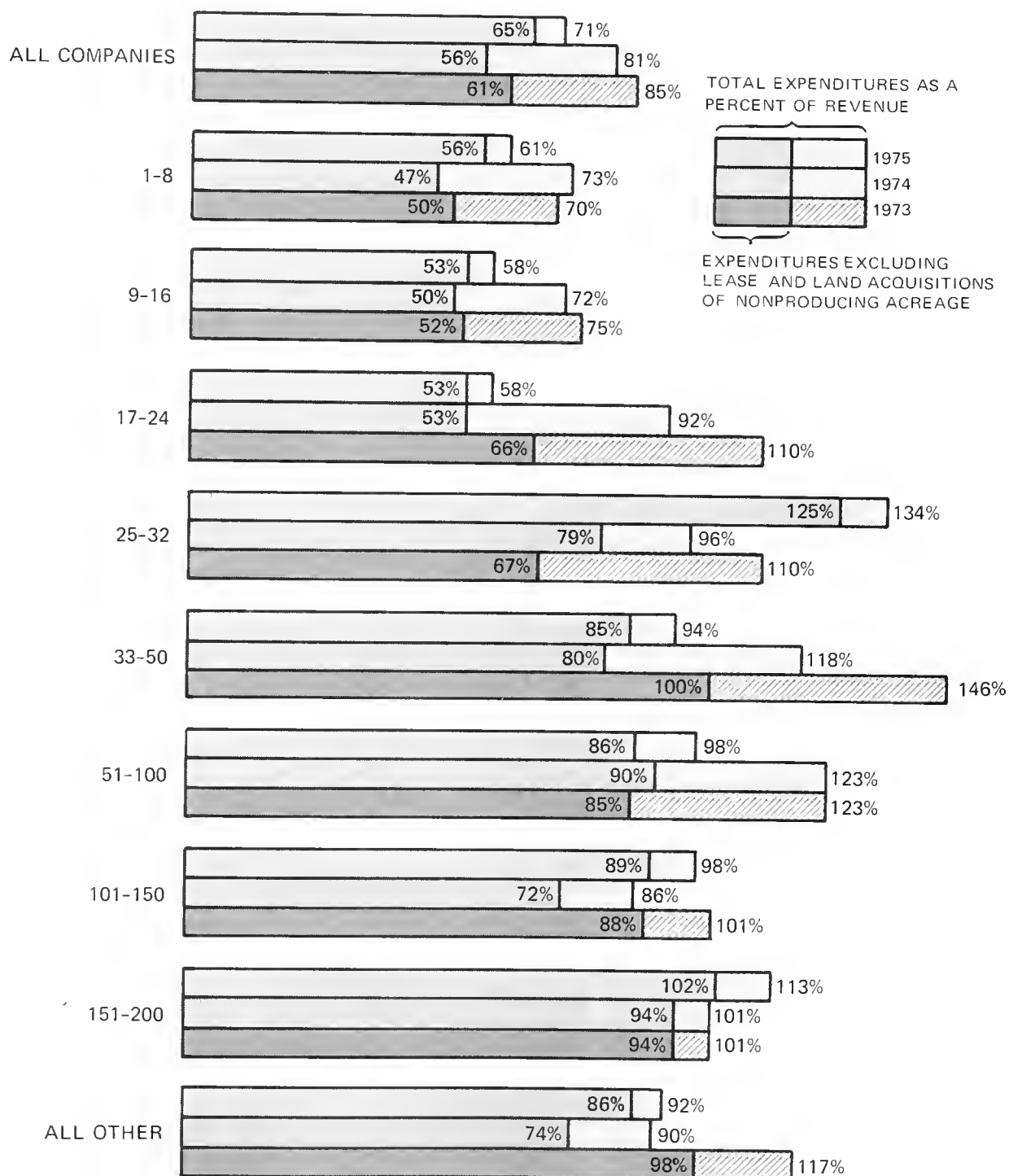
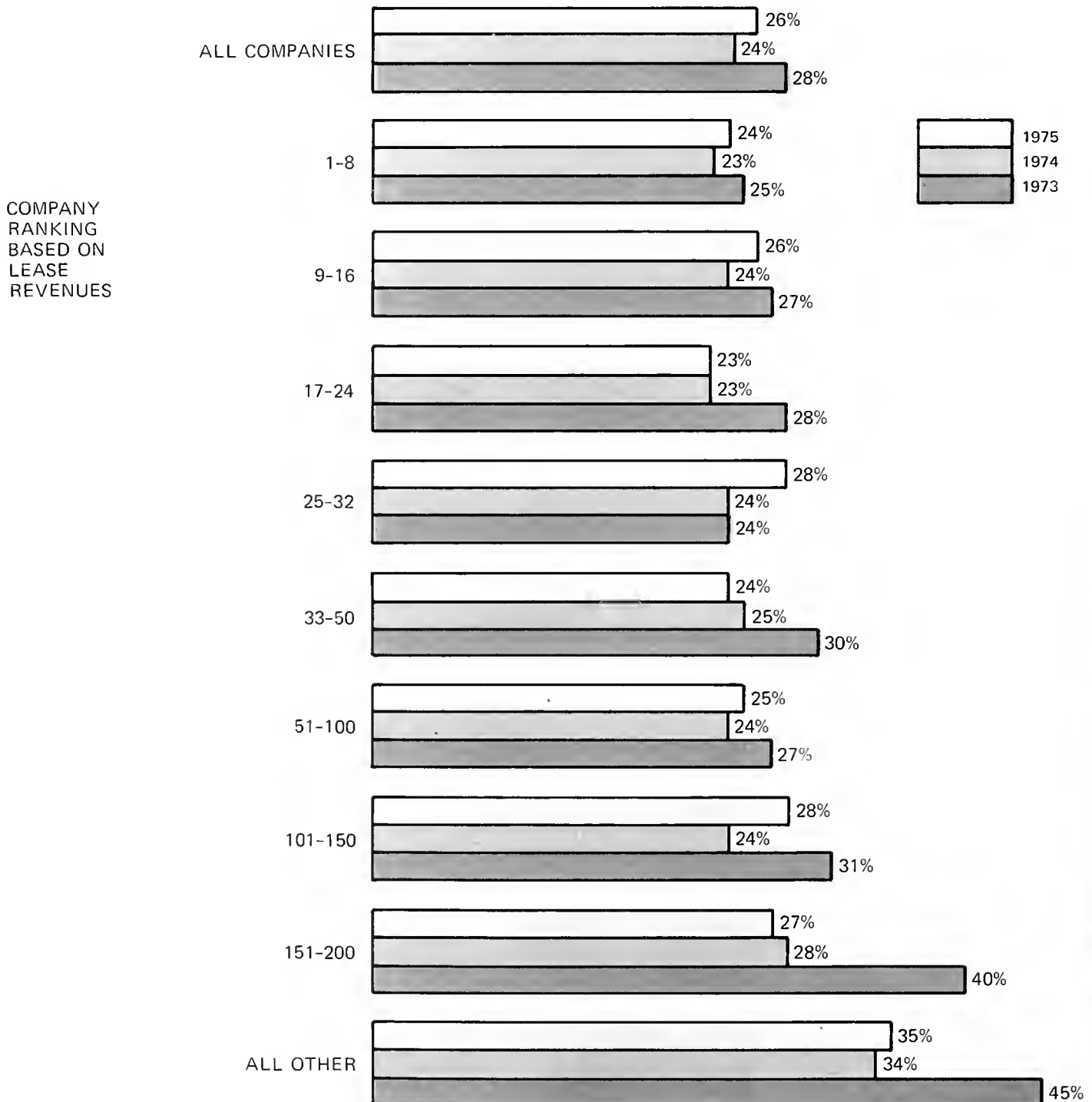


Chart I. Production Expenditures as a Percentage of Revenues for Groups of Companies Ranked by Total Lease Revenues: 1975, 1974 and 1973

(Based on Net Company Interest Data Shown in Table 3 of the 1975 and 1974 Reports and Table 2 of the 1973 Report)





include data for all properties operated, whether for their own account or for the account of others. Net company interest basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 79 percent of gross-operator basis statistics. Expenditures for drilling and equipping wells on a net company-interest basis were 16 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not canvassed. In the 1972 Census of Mineral Industries royalty interest holders accounted for approximately 16 percent of the average operator account.

Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table C compares 1975 sales on a net company interest and gross operator basis.

#### COMPARISON OF BUREAU OF THE CENSUS STATISTICS TO BUREAU OF MINES STATISTICS

Differences occur between the Bureau of the Census gross operator and the Bureau of Mines statistics which are due to such causes as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude petroleum

and natural gas data directly from operators of oil and gas field properties. The Bureau of mines obtains most of its production data for crude petroleum from State regulatory agencies and collects natural gas data directly from producing companies. Table D provides a comparison of 1975 data from the two Bureaus.

#### PUBLICATION PROGRAM

This release contains final statistics covering oil and gas field exploration, development, and production activities from the 1975 Annual Survey of Oil and Gas. The 1975 survey is the third one of an annual series to be conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

#### CONFIDENTIALITY OF INDIVIDUAL COMPANY DATA

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

Table D. Comparison of Bureau of the Census and Bureau of Mines Statistics: 1975, 1974, and 1973

Year and agency	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (million cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
1975						
Bureau of the Census (sales-- gross operator basis).....	3,111.4	23,004.7	7.39	20,554.3	8,967.1	43.6
Bureau of Mines <sup>1</sup> (production).. <sup>2</sup>	3,056.8	23,116.1	7.56	20,108.7	8,945.1	44.5
Census-Mines ratio.....	1.018	.995	.978	1.022	1.002	.980
1974:						
Bureau of the Census (sales-- gross operator basis).....	3,159.3	20,937.8	6.63	21,877.8	6,726.1	30.7
Bureau of Mines <sup>1</sup> (production).. <sup>2</sup>	3,202.6	21,580.5	6.74	21,600.5	6,573.4	30.4
Census-Mines ratio.....	.986	.970	.984	1.012	1.023	1.010
1973:						
Bureau of the Census (sales-- gross operator basis).....	3,347.7	13,039.6	3.89	22,314.7	5,064.1	22.7
Bureau of Mines <sup>1</sup> ..... <sup>2</sup>	3,360.9	13,057.9	3.89	22,647.5	4,894.1	21.6
Census-Mines ratio.....	.996	.999	1.000	.985	1.035	1.051

<sup>1</sup>Source: U.S. Bureau of Mines, Natural Gas, annual; Petroleum Statement, monthly, March 1976, April 1975, and May 1974.

<sup>2</sup>Marketed production represents gross withdrawals less gas used for repressuring and quantities vented or flared.

Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1975, 1974, AND 1973

(Gross operator basis)								
Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales					First 50 companies
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	
Sales volumes:								
Crude petroleum and condensate:								
1975.....	Mil. bbl....	3,111.4	1,659.0	556.9	195.3	87.0	136.6	2,634.8
From stripper well leases.....	.....do.....	302.0	69.6	47.3	10.4	3.6	16.2	147.1
Lease condensate.....	.....do.....	157.0	62.7	35.1	11.6	8.4	7.2	124.9
1974.....	.....do.....	3,159.3	1,707.5	581.3	200.9	90.0	113.7	2,693.3
From stripper well leases.....	.....do.....	291.7	68.4	39.9	8.3	3.3	18.0	137.8
Lease condensate.....	.....do.....	157.6	65.5	35.4	13.5	9.4	6.1	129.9
1973.....	.....do.....	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
Natural gas:								
1975.....	Bil. cu. ft.	20,554.3	8,898.3	3,863.9	1,242.8	1,147.8	1,054.2	16,207.0
1974.....	.....do.....	21,877.8	9,860.9	4,064.7	1,445.8	1,082.9	1,084.9	17,539.1
1973.....	.....do.....	22,314.7	11,322.3	3,577.7	1,528.6	1,174.2	902.3	18,505.1
Lease revenues:								
Crude petroleum and condensate:								
1975.....	Mil. dol....	23,004.7	11,960.9	3,979.9	1,317.1	598.1	1,075.2	18,931.1
Crude petroleum: 1975.....	.....do.....	21,824.1	11,499.5	3,743.6	1,224.2	529.8	1,014.9	18,011.9
Lease condensate: 1975.....	.....do.....	1,180.5	461.4	236.3	92.9	68.3	60.2	919.2
Crude petroleum and condensate:								
1974.....	.....do.....	20,937.8	11,204.6	3,708.0	1,247.6	564.5	770.7	17,495.3
Crude petroleum: 1974.....	.....do.....	19,845.7	10,746.7	3,484.8	1,153.8	496.1	717.4	16,598.7
Lease condensate: 1974.....	.....do.....	1,092.1	457.9	223.2	93.8	68.4	53.3	896.6
1973.....	.....do.....	13,039.6	7,035.5	2,448.3	741.1	394.9	483.5	11,103.3
Natural gas:								
1975.....	.....do.....	8,967.1	3,858.5	1,618.2	567.0	481.3	492.7	7,017.8
1974.....	.....do.....	6,726.1	3,035.5	1,237.6	454.6	322.8	349.8	5,400.3
1973.....	.....do.....	5,064.1	2,493.1	793.6	380.0	253.8	239.0	4,159.5
Expenditures for drilling and equipping wells completed during the year:								
1975, total.....	.....do.....	5,775.5	1,477.6	708.3	320.0	322.0	372.5	3,200.4
Exploration.....	.....do.....	2,341.9	442.6	194.4	153.9	157.5	158.2	1,106.6
Development.....	.....do.....	3,433.6	1,035.0	513.9	166.1	164.5	214.3	2,093.8
1974, total.....	.....do.....	4,198.5	1,139.9	538.2	248.8	166.0	262.6	2,355.4
Exploration.....	.....do.....	1,753.5	376.1	215.5	131.1	61.2	140.1	924.0
Development.....	.....do.....	2,445.0	763.8	322.7	117.7	104.8	122.5	1,431.4
1973, total.....	.....do.....	2,889.1	877.3	347.5	202.2	118.7	240.0	1,785.6
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1975, total.....	.....do.....	6,506.9	1,865.5	815.3	396.4	442.0	412.4	3,931.7
Exploration.....	.....do.....	2,555.8	546.5	201.2	168.3	227.3	174.6	1,317.9
Development.....	.....do.....	3,951.2	1,319.1	614.1	228.1	214.7	237.8	2,613.8
1974, total.....	.....do.....	4,607.3	1,337.8	585.1	293.2	236.2	258.2	2,710.6
Exploration.....	.....do.....	1,879.9	456.7	203.7	144.6	74.0	133.7	1,012.8
Development.....	.....do.....	2,727.4	881.1	381.4	148.6	162.2	124.5	1,697.8
1973, total.....	.....do.....	3,193.8	1,094.5	367.2	221.3	122.2	266.2	2,071.5
Dry holes completed during the year:								
1975, total.....	.....do.....	1,769.2	435.9	191.5	143.8	91.3	136.3	998.8
Exploration.....	.....do.....	1,317.5	309.7	127.1	123.0	77.2	110.9	747.8
Development.....	.....do.....	451.7	126.2	64.4	20.9	14.1	25.4	250.9
1974, total.....	.....do.....	1,562.2	394.7	229.1	104.4	49.1	108.0	885.4
Exploration.....	.....do.....	1,156.6	279.3	169.0	93.4	35.7	86.3	663.7
Development.....	.....do.....	405.6	115.4	60.1	11.0	13.4	21.7	221.7
1973, total.....	.....do.....	919.0	263.5	126.7	50.4	24.1	82.9	547.6
Oil wells completed during the year:								
1975, total.....	.....do.....	2,052.0	655.3	288.9	60.5	90.2	119.9	1,214.7
Exploration.....	.....do.....	365.9	48.6	26.0	6.2	31.4	15.3	127.4
Development.....	.....do.....	1,686.0	606.7	262.9	54.3	58.8	104.6	1,087.3
1974, total.....	.....do.....	1,338.7	459.2	163.8	53.4	15.0	71.1	762.4
Exploration.....	.....do.....	220.2	33.0	17.0	2.5	.1	18.9	71.4
Development.....	.....do.....	1,118.5	426.2	146.8	50.9	14.9	52.2	691.0
1973, total.....	.....do.....	1,050.3	384.2	123.3	68.2	23.5	78.9	678.1
Gas wells completed during the year:								
1975, total.....	.....do.....	1,954.3	386.4	227.9	115.7	140.5	116.3	986.9
Exploration.....	.....do.....	658.4	84.4	41.3	24.7	48.9	32.0	231.4
Development.....	.....do.....	1,295.9	302.0	186.6	90.9	91.6	84.3	755.6
1974, total.....	.....do.....	1,297.5	286.1	145.2	90.9	101.9	83.5	707.6
Exploration.....	.....do.....	376.7	63.8	29.5	35.2	25.4	35.0	188.9
Development.....	.....do.....	920.8	222.3	115.7	55.7	76.5	48.5	518.7
1973, total.....	.....do.....	920.0	229.8	97.4	83.6	71.2	78.1	560.1
Work-in-progress adjustment:								
1975, total.....	.....do.....	731.5	387.9	107.0	76.4	120.2	39.9	731.4
Exploration.....	.....do.....	214.0	103.8	6.9	14.4	69.9	16.4	211.4
Development.....	.....do.....	517.5	284.1	100.1	62.0	50.3	23.5	520.1
1974, total.....	.....do.....	408.8	197.9	46.9	44.4	70.2	-4.4	355.2
Exploration.....	.....do.....	126.4	80.6	-11.8	13.5	12.8	-6.4	88.8
Development.....	.....do.....	282.4	117.3	58.7	30.9	57.4	2.0	266.4
1973, total.....	.....do.....	305.0	217.2	19.7	19.1	3.5	26.2	285.8
Employment:								
1975.....	Thousands...	136.7	39.9	18.4	6.9	8.5	5.4	79.1
1974.....	.....do.....	125.2	38.3	16.4	7.8	7.8	5.0	75.4
1973.....	.....do.....	123.5	38.3	17.5	6.5	6.9	4.8	74.0

See footnotes at end of table.

Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1975, 1974, AND 1973--Continued

(Gross operator basis)								
Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1975.....	Mil. bb <sup>1</sup> ....	57.3	70.3	2,762.4	61.8	36.2	2,860.4	251.0
From stripper well leases.....	.....do.....	10.9	14.8	172.8	15.1	8.6	196.4	105.5
Lease condensate.....	.....do.....	5.1	4.2	134.1	4.7	2.6	141.5	15.5
1974.....	.....do.....	54.3	63.4	2,811.0	57.4	38.0	2,906.4	252.9
From stripper well leases.....	.....do.....	6.7	10.9	155.4	11.6	8.3	175.3	116.4
Lease condensate.....	.....do.....	3.4	4.5	137.8	3.2	4.6	145.5	12.1
1973.....	.....do.....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5
Natural gas:								
1975.....	Bil. cu. ft.	863.2	590.4	17,660.6	530.0	294.2	18,484.8	2,069.5
1974.....	.....do.....	798.7	760.4	19,098.2	526.4	310.4	19,935.0	1,942.8
1973.....	.....do.....	671.5	674.1	19,850.7	500.3	283.9	20,634.9	1,680.0
Lease revenues:								
Crude petroleum and condensate:								
1975.....	Mil. dol....	504.4	573.6	20,009.1	519.1	301.8	20,830.0	2,174.7
Crude petroleum: 1975.....	.....do.....	462.0	536.9	19,010.8	485.5	278.2	19,774.6	2,049.5
Lease condensate: 1975.....	.....do.....	42.4	36.7	998.3	33.5	23.6	1,055.4	125.0
Crude petroleum and condensate:								
1974.....	.....do.....	373.6	476.2	18,345.1	429.6	250.9	19,025.6	1,912.3
Crude petroleum: 1974.....	.....do.....	345.7	441.9	17,386.3	407.0	220.2	18,013.5	1,832.2
Lease condensate: 1974.....	.....do.....	27.9	34.3	958.8	22.6	30.7	1,012.1	80.0
1973.....	.....do.....	245.2	252.3	11,600.9	240.3	157.4	11,998.5	1,041.1
Natural gas:								
1975.....	.....do.....	435.8	301.4	7,755.0	253.5	135.2	8,143.8	823.3
1974.....	.....do.....	273.3	220.3	5,893.9	177.7	99.6	6,171.1	555.0
1973.....	.....do.....	161.5	173.3	4,494.2	116.9	67.2	4,678.4	385.8
Expenditures for drilling and equipping wells completed during the year:								
1975, total.....	.....do.....	483.7	335.5	4,019.6	330.7	191.7	4,541.9	1,233.5
Exploration.....	.....do.....	199.8	161.9	1,468.2	166.2	79.0	1,713.4	628.4
Development.....	.....do.....	283.9	173.6	2,551.2	164.5	112.7	2,828.5	605.1
1974, total.....	.....do.....	368.5	266.6	2,990.4	314.9	141.2	3,446.7	751.8
Exploration.....	.....do.....	169.1	96.2	1,189.2	89.2	75.9	1,354.4	399.1
Development.....	.....do.....	199.4	170.4	1,801.2	225.7	65.3	2,092.3	352.7
1973, total.....	.....do.....	186.0	142.2	2,113.9	132.5	78.1	2,324.4	564.7
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1975, total.....	.....do.....	448.5	338.4	4,718.6	337.2	194.1	5,250.1	1,256.8
Exploration.....	.....do.....	167.5	169.6	1,655.0	170.4	77.8	1,903.3	652.5
Development.....	.....do.....	281.0	168.8	3,063.6	166.8	116.3	3,346.8	604.3
1974, total.....	.....do.....	400.9	276.5	3,388.0	281.9	143.1	3,813.1	794.2
Exploration.....	.....do.....	188.7	99.3	1,300.8	89.8	77.9	1,468.5	411.4
Development.....	.....do.....	212.2	177.2	2,087.2	192.1	65.2	2,344.6	382.8
1973, total.....	.....do.....	175.0	151.8	2,398.3	135.4	80.0	2,613.6	580.2
Dry holes completed during the year:								
1975, total.....	.....do.....	176.4	107.3	1,282.4	100.2	59.9	1,442.5	326.6
Exploration.....	.....do.....	118.3	78.9	945.0	75.9	43.8	1,064.7	252.8
Development.....	.....do.....	58.1	28.4	337.4	24.3	16.1	377.9	73.8
1974, total.....	.....do.....	141.0	92.2	1,118.5	87.0	58.2	1,263.6	298.6
Exploration.....	.....do.....	105.9	60.9	830.4	47.1	44.9	922.4	234.2
Development.....	.....do.....	35.1	31.3	288.1	39.9	13.3	341.2	64.4
1973, total.....	.....do.....	59.0	63.7	670.3	40.1	28.4	738.7	180.3
Oil wells completed during the year:								
1975, total.....	.....do.....	96.3	88.6	1,399.5	110.4	62.2	1,572.2	479.7
Exploration.....	.....do.....	17.4	28.9	173.7	34.5	13.4	221.6	144.3
Development.....	.....do.....	78.9	59.7	1,225.8	75.9	48.8	1,350.6	335.4
1974, total.....	.....do.....	81.8	111.8	956.1	77.4	33.5	1,067.0	271.7
Exploration.....	.....do.....	14.8	19.5	105.8	16.8	9.7	132.3	87.9
Development.....	.....do.....	67.0	92.3	850.3	60.6	23.8	934.7	183.8
1973, total.....	.....do.....	46.0	35.7	759.7	45.8	24.2	829.8	220.5
Gas wells completed during the year:								
1975, total.....	.....do.....	211.0	139.6	1,337.5	120.1	69.6	1,527.2	427.2
Exploration.....	.....do.....	64.1	54.1	349.5	55.8	21.8	427.1	231.3
Development.....	.....do.....	146.9	85.5	988.0	64.3	47.8	1,100.0	195.9
1974, total.....	.....do.....	145.5	62.7	915.9	150.6	49.5	1,115.9	181.6
Exploration.....	.....do.....	48.3	15.8	253.0	25.4	21.3	299.6	77.1
Development.....	.....do.....	97.2	46.9	662.9	125.2	28.2	816.3	104.5
1973, total.....	.....do.....	81.1	42.8	684.0	46.6	25.4	756.1	163.9
Work-in-progress adjustment:								
1975, total.....	.....do.....	-35.2	3.0	699.3	6.5	2.4	708.2	23.4
Exploration.....	.....do.....	-32.3	7.8	186.9	4.2	-1.2	189.9	24.1
Development.....	.....do.....	-2.9	-4.8	512.4	2.3	3.6	518.3	-7.7
1974, total.....	.....do.....	32.4	9.9	397.6	-33.0	1.9	366.4	42.4
Exploration.....	.....do.....	19.6	3.1	111.6	.6	2.0	114.1	12.3
Development.....	.....do.....	12.8	6.8	286.0	-33.6	-1.1	252.3	30.1
1973, total.....	.....do.....	-11.0	9.6	284.4	2.6	2.0	289.0	16.0
Employment:								
1975.....	Thousands...	3.6	4.8	87.5	6.1	2.7	96.3	40.4
1974.....	.....do.....	3.7	3.6	82.7	3.8	2.5	89.0	36.2
1973.....	.....do.....	4.3	2.4	80.7	4.0	1.7	86.5	37.0

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures incurred during the year. However, figures for dry holes, oil wells, and gas wells completed during the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 2.--DETAILED NET COMPANY INTEREST AND GROSS OPERATOR BASIS STATISTICS: 1975 AND 1974

Item	Unit of measure	Net company interest basis			Gross operator basis		
		1975	1974	1975/1974 relative (percent)	1975	1974	1975/1974 relative (percent)
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl....	2,414.0	2,512.5	96.1	3,111.4	3,159.3	98.5
From stripper well leases.....	.....do.....	243.8	235.6	103.5	302.0	291.7	103.5
Lease condensate.....	.....do.....	116.5	122.5	95.1	157.0	157.6	99.6
Natural gas.....	Bil. cu. ft	16,138.3	17,495.5	92.2	20,554.3	21,877.8	94.0
Lease revenues.....	Mil. dol ..	26,237.5	23,051.4	113.8	(X)	(X)	(X)
Crude petroleum and condensate.....	.....do.....	18,142.2	16,772.5	108.1	23,004.7	20,937.8	109.9
Crude petroleum.....	.....do.....	17,250.9	15,924.8	108.3	21,824.1	19,845.7	110.0
Lease condensate.....	.....do.....	891.2	847.7	105.1	1,180.5	1,092.1	108.1
Natural gas.....	.....do.....	7,240.9	5,552.0	130.4	8,967.1	6,726.1	133.3
Income received from oil and gas royalties.....	.....do.....	767.3	651.4	117.8	(X)	(X)	(X)
Other lease revenues from producing operations.....	.....do.....	87.1	75.6	115.2	(X)	(X)	(X)
Expenditures (capitalized and expensed).....	.....do.....	18,558.7	18,706.1	99.2	(X)	(X)	(X)
Exploration expenditures.....	.....do.....	5,310.3	8,658.8	61.3	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup> .....	.....do.....	2,124.2	1,580.5	134.4	2,555.8	1,879.9	136.0
Dry holes.....	.....do.....	1,147.9	911.7	125.9	1,317.5	1,156.6	113.9
Oil.....	.....do.....	287.3	177.5	161.9	365.9	220.2	166.2
Gas.....	.....do.....	511.6	308.8	165.7	658.4	376.7	174.8
Work-in-progress adjustment.....	.....do.....	177.5	182.5	97.3	214.0	126.4	169.3
Lease and land acquisitions of nonproducing acreage.....	.....do.....	1,614.5	5,774.0	28.0	(X)	(X)	(X)
Land department, leasing and scouting.....	.....do.....	113.4	90.6	125.2	(X)	(X)	(X)
Geological and geophysical.....	.....do.....	652.8	567.6	115.0	(X)	(X)	(X)
Lease rents.....	.....do.....	204.7	177.8	115.1	(X)	(X)	(X)
Test hole contributions.....	.....do.....	16.9	8.9	189.9	(X)	(X)	(X)
Other exploration expenditures, including direct overhead.....	.....do.....	242.0	168.6	143.5	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	.....do.....	341.7	290.9	117.5	(X)	(X)	(X)
Development expenditures.....	.....do.....	6,422.6	4,413.1	145.5	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup> .....	.....do.....	3,354.6	2,265.2	148.1	3,951.2	2,727.4	144.9
Dry holes.....	.....do.....	396.0	305.2	129.8	451.7	405.6	111.4
Oil.....	.....do.....	1,391.6	984.6	141.3	1,686.0	1,118.5	150.7
Gas.....	.....do.....	1,122.3	745.8	150.5	1,295.9	920.8	140.7
Work-in-progress adjustment.....	.....do.....	444.9	229.6	193.8	517.5	282.4	183.3
Lease equipment.....	.....do.....	1,499.6	824.1	182.0	(X)	(X)	(X)
Lease and land acquisitions of producing acreage.....	.....do.....	303.4	474.0	64.0	(X)	(X)	(X)
Other development expenditures, including direct overhead.....	.....do.....	928.9	625.4	148.5	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	.....do.....	336.1	224.4	149.8	(X)	(X)	(X)
Production expenditures.....	.....do.....	6,825.8	5,634.2	121.1	(X)	(X)	(X)
Direct operating expenditures.....	.....do.....	3,952.9	3,246.4	121.8	(X)	(X)	(X)
Operating and maintenance.....	.....do.....	3,140.0	2,577.1	121.8	(X)	(X)	(X)
Well workovers.....	.....do.....	530.5	441.3	120.2	(X)	(X)	(X)
Other direct expenses.....	.....do.....	282.4	228.0	123.9	(X)	(X)	(X)
Indirect operating expenditures.....	.....do.....	2,872.8	2,387.7	120.3	(X)	(X)	(X)
Taxes (excluding income taxes).....	.....do.....	1,746.1	1,534.1	113.8	(X)	(X)	(X)
General and administration overhead.....	.....do.....	768.8	601.4	127.8	(X)	(X)	(X)
Other indirect expenses.....	.....do.....	358.0	252.1	142.0	(X)	(X)	(X)
Gross book value of fixed assets.....	.....do.....	72,289.8	65,944.4	109.6	(X)	(X)	(X)
Oil and gas field properties.....	.....do.....	70,654.8	64,543.7	109.5	(X)	(X)	(X)
Nonproducing properties.....	.....do.....	12,894.8	14,062.8	91.7	(X)	(X)	(X)
Producing properties.....	.....do.....	53,846.4	48,040.5	112.1	(X)	(X)	(X)
Work-in-progress.....	.....do.....	3,913.6	2,440.3	160.4	(X)	(X)	(X)
Buildings, other structures, and machinery.....	.....do.....	1,634.9	1,400.7	116.7	(X)	(X)	(X)
Employment.....	Thousands..	(X)	(X)	(X)	136.7	125.2	109.2

Note: Detailed figures may not add to totals because of independent rounding.

(X) Not applicable.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 3.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,414.0	1,256.6	476.4	138.2	69.5	64.4
From stripper well leases...	....do....	243.8	61.3	39.4	8.1	6.8	14.7
Lease condensate.....	....do....	116.5	51.9	23.0	9.2	4.5	6.4
Natural gas.....	Bil. cu. ft.	16,138.3	7,334.7	3,077.2	832.5	556.3	1,044.0
Lease revenues.....	Mil. dol...	26,237.5	12,815.3	4,761.9	1,652.4	719.0	1,070.3
Crude petroleum and condensate.....	....do....	18,142.2	9,252.6	3,363.2	1,105.7	492.5	542.7
Crude petroleum.....	....do....	17,250.9	8,854.4	3,208.7	1,033.3	456.7	489.6
Lease condensate.....	....do....	891.2	398.2	154.5	72.4	35.9	53.1
Natural gas.....	....do....	7,240.9	3,366.1	1,242.9	412.2	210.2	485.5
Income received from oil and gas royalties.....	....do....	767.3	184.4	131.3	129.1	14.3	40.4
Other lease revenues from producing operations.....	....do....	87.1	12.1	24.5	5.4	1.9	1.6
Expenditures (capitalized and expensed).....	....do....	18,558.7	7,872.3	2,783.9	965.9	961.8	1,007.2
Exploration expenditures.....	....do....	5,310.3	1,947.7	703.6	305.8	226.5	354.2
Drilling and equipping wells <sup>1</sup> .....	....do....	2,124.2	534.2	199.7	113.4	112.4	168.2
Dry holes.....	....do....	1,147.9	321.5	117.5	73.2	54.2	110.4
Oil.....	....do....	287.3	45.7	27.3	5.1	13.0	18.5
Gas.....	....do....	511.6	80.4	43.7	25.5	20.8	58.1
Work-in-progress adjustment.....	....do....	177.5	86.7	11.2	9.7	24.5	-18.7
Lease and land acquisitions of nonproducing acreage....	....do....	1,614.5	710.0	242.7	84.1	62.5	99.8
Land department, leasing and scouting.....	....do....	113.4	32.7	18.8	18.0	5.3	5.2
Geological and geophysical..	....do....	652.8	359.9	123.2	53.0	21.6	24.3
Lease rents.....	....do....	204.7	67.1	28.6	13.3	7.8	18.3
Test hole contributions.....	....do....	16.9	7.6	1.5	.2	1.3	.9
Other exploration expenditures, including direct overhead.....	....do....	242.0	89.8	41.2	9.7	9.6	18.6
General and administrative overhead not reported elsewhere.....	....do....	341.7	146.3	47.7	14.0	6.0	18.8
Development expenditures.....	....do....	6,422.6	2,823.5	834.2	282.0	534.3	391.3
Drilling and equipping wells <sup>1</sup> .....	....do....	3,354.6	1,316.8	480.8	176.4	105.9	274.8
Dry holes.....	....do....	396.0	129.2	50.1	13.7	11.5	38.7
Oil.....	....do....	1,391.6	566.5	211.4	47.5	39.6	105.7
Gas.....	....do....	1,122.3	333.3	147.8	84.5	29.7	122.9
Work-in-progress adjustment.....	....do....	444.9	287.7	71.5	63.3		
Lease equipment.....	....do....	1,499.6	873.6	185.9	62.3	43.9	61.9
Lease and land acquisitions of producing acreage.....	....do....	303.4	132.6	19.2	10.5		
Other development expenditures, including direct overhead.....	....do....	928.9	345.4	106.0	425.7		
General and administrative overhead not reported elsewhere.....	....do....	336.1	155.2	42.3	46.1		
Production expenditures.....	....do....	6,825.8	3,101.2	1,246.0	377.8	201.0	261.7
Direct operating expenditures	....do....	3,952.9	1,700.0	738.7	227.4	142.8	160.3
Operating and maintenance.	....do....	3,140.0	1,266.3	618.5	191.8	127.0	135.7
Workovers.....	....do....	530.5	281.4	92.1	20.8	14.2	14.4
Other direct expenses.....	....do....	282.4	152.3	28.0	14.8	1.6	10.1
Indirect operating expenditures.....	....do....	2,872.8	1,401.1	507.4	150.4	58.1	101.4
Taxes (excluding income taxes).....	....do....	1,746.1	925.5	315.4	115.3	49.1	68.6
General and administration overhead.....	....do....	768.8	309.7	123.1	34.0		
Other indirect expenses...	....do....	358.0	165.9	68.8	10.1		
Gross book value of fixed assets.....	....do....	72,289.8	33,162.2	12,890.8	4,264.8	3,140.2	4,214.8
Oil and gas field properties.	....do....	70,654.8	32,609.4	12,740.0	4,180.7	3,100.6	4,114.8
Nonproducing properties...	....do....	12,894.8	5,491.8	2,103.8	1,048.1	1,310.2	
Producing properties.....	....do....	53,846.4	25,694.1	9,935.3	3,032.7	2,008.1	3,071.6
Work-in-progress.....	....do....	3,913.6	1,423.5	700.8	99.9	825.5	
Buildings, other structures, and machinery.....	....do....	1,634.9	552.8	150.9	84.1	39.7	99.9

See footnotes at end of table.

Table 3.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1975--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate	Mill. bbl...	2,005.1	39.0	55.5	2,099.5	51.3	25.3	2,176.1	237.9
From stripper well leases...	do....	130.3	4.9	8.5	143.7	8.1	4.5	156.3	87.5
Lease condensate.....	do....	95.1	2.7	2.2	100.0	3.0	1.9	104.9	11.7
Natural gas.....	Bil. cu. ft.	12,844.8	572.5	450.9	13,868.1	327.0	243.6	14,438.7	1,699.6
Lease revenues.....	Mill. dol...	21,018.9	610.6	677.1	22,306.7	597.9	347.1	23,251.5	2,986.0
Crude petroleum and condensate.....	do....	14,756.8	325.1	449.2	15,531.1	406.6	209.8	16,147.5	1,994.7
Crude petroleum.....	do....	14,042.8	300.9	430.8	14,774.4	384.2	193.4	15,352.0	1,899.0
Lease condensate.....	do....	714.0	24.2	18.5	756.7	22.4	16.4	795.5	95.7
Natural gas.....	do....	5,717.0	255.8	199.9	6,172.7	159.8	118.8	6,451.2	789.7
Income received from oil and gas royalties.....	do....	499.6	27.2	25.6	552.4	26.6	14.3	593.4	174.0
Other lease revenues from producing operations.....	do....	45.5	2.5	2.4	50.4	4.8	4.2	59.5	27.6
Expenditures (capitalized and expensed).....	do....	13,590.8	715.8	540.8	14,847.4	586.0	392.6	15,825.9	2,732.8
Exploration expenditures.....	do....	3,537.7	224.4	217.4	3,979.6	231.0	146.8	4,357.5	952.8
Drilling and equipping wells <sup>1</sup>	do....	1,128.0	89.9	100.1	1,318.0	111.3	85.1	1,514.5	609.8
Dry holes.....	do....	676.7	59.4	52.9	789.0	57.9	43.5	890.5	257.4
Oil.....	do....	109.5	8.8	19.5	137.9	17.2	14.7	169.8	117.6
Gas.....	do....	228.4	23.2	21.5	273.1	32.1	26.6	331.8	179.7
Work-in-progress adjustment.....	do....	113.3	-1.6	6.2	117.9	4.1	.3	122.3	55.2
Lease and land acquisitions of nonproducing acreage.....	do....	1,199.2	81.0	70.4	1,350.5	54.3	37.8	1,442.6	171.9
Land department, leasing and scouting.....	do....	80.0	6.5	4.9	91.3	3.5	2.4	97.2	16.2
Geological and geophysical.....	do....	582.1	15.8	15.3	613.1	6.5	5.8	625.5	27.4
Lease rents.....	do....	135.1	14.7	8.4	158.2	6.4	5.4	170.0	34.7
Test hole contributions.....	do....	11.5	.6		12.1	.2	.1	12.4	4.4
Other exploration expenditures, including direct overhead.....	do....	169.0	12.7		181.7	39.3	3.9	225.0	17.0
General and administrative overhead not reported elsewhere.....	do....	232.9	7.9	13.9	254.7	9.4	6.3	270.4	71.3
Development expenditures.....	do....	4,865.3	323.0	164.0	5,352.2	185.7	153.6	5,691.5	731.2
Drilling and equipping wells <sup>1</sup>	do....	2,354.7	167.7	112.3	2,634.7	121.6	114.3	2,870.6	484.0
Dry holes.....	do....	243.2	25.8	20.2	289.2	17.3	15.6	322.2	73.7
Oil.....	do....	970.7	60.9	49.3	1,080.9	65.7	30.5	1,177.1	214.5
Gas.....	do....	718.2	70.5	46.6	835.3	36.1	63.5	934.9	187.3
Work-in-progress adjustment.....	do....	422.5	10.5	-3.8	429.2	2.5	4.7	436.4	8.5
Lease equipment.....	do....	1,227.7	51.6	26.8	1,306.1	32.9	25.6	1,364.6	135.0
Lease and land acquisitions of producing acreage.....	do....	162.2	84.6	7.3	254.1	16.0	7.3	277.4	26.0
Other development expenditures, including direct overhead.....	do....	877.1	12.1	8.0	897.2	7.3	2.0	906.4	22.5
General and administrative overhead not reported elsewhere.....	do....	243.6	7.0	9.5	260.1	8.0	4.4	272.4	63.7
Production expenditures.....	do....	5,187.7	168.4	159.4	5,515.6	169.2	92.2	5,777.0	1,048.8
Direct operating expenditures	do....	2,969.3	96.3	98.9	3,164.5	107.2	58.1	3,329.8	623.1
Operating and maintenance.....	do....	2,339.4	77.4	84.5	2,501.3	89.0	48.1	2,638.3	501.6
Workovers.....	do....	423.0	12.2	10.0	445.2	9.8	6.1	461.1	69.4
Other direct expenses.....	do....	206.9	6.7	4.4	218.0	8.5	3.9	230.3	52.0
Indirect operating expenditures.....	do....	2,218.4	72.2	60.5	2,351.1	62.0	34.0	2,447.2	425.6
Taxes (excluding income taxes).....	do....	1,474.0	37.4	40.3	1,551.6	29.3	16.7	1,597.7	148.4
General and administration overhead.....	do....	491.2	33.0		524.1	22.9	14.8	561.8	207.0
Other indirect expenses.....	do....	253.3	22.1		275.3	9.9	2.5	287.7	70.3
Gross book value of fixed assets.....	do....	57,672.8	2,542.3	2,015.9	62,231.0	2,049.2	1,196.4	65,476.6	6,813.1
Oil and gas field properties.....	do....	56,745.4	2,524.1	1,953.4	61,222.8	1,975.5	1,127.9	64,326.3	6,328.5
Nonproducing properties.....	do....	9,953.9	695.3	308.4	10,957.5	682.4		11,640.0	1,254.8
Producing properties.....	do....	43,741.9	1,735.5	1,604.6	47,082.0	1,249.5	778.4	49,109.9	4,736.5
Work-in-progress.....	do....	3,049.7	93.3	40.4	3,183.3	393.1		3,576.4	337.2
Buildings, other structures, and machinery.....	do....	927.4	18.2	62.6	1,008.2	73.7	68.4	1,150.3	484.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 4.--DETAILED STATISTICS BY GEOGRAPHICAL AREA AND BY OPERATOR: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Non-owner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Sales volumes:								
Crude petroleum and condensate	Mil. bbl...	2,414.0	8.2	53.0	2,037.2	315.6	1,744.4	669.6
From stripper well leases...	do....	243.8	-	-	242.2	1.6	204.6	39.2
Lease condensate.....	do....	116.5	-	-	88.0	28.5	81.9	34.7
Natural gas.....	Bil. cu. ft.	16,138.3	121.7	-	12,844.5	3,172.1	11,820.0	4,318.4
Lease revenues.....	Mil. dol...	26,237.5	359.5	-	22,418.8	3,459.3	18,394.2	7,843.4
Crude petroleum and condensate.....	do....	18,142.2	42.1	278.7	15,591.5	2,230.0	13,174.9	4,967.3
Crude petroleum.....	do....	17,250.9	42.1	278.7	14,925.2	2,005.0	12,553.1	4,697.7
Lease condensate.....	do....	891.2	-	-	666.3	224.9	621.8	269.6
Natural gas.....	do....	7,240.9	37.7	-	5,987.5	1,215.6	5,143.1	2,097.8
Income received from oil and gas royalties.....	do....	767.3	-	-	756.2	10.8	(X)	767.3
Other lease revenues from producing operations.....	do....	87.1	1.0	-	83.6	2.9	76.2	10.9
Expenditures (capitalized and expensed).....	do....	18,558.7	(X)	(X)	(X)	(X)	(X)	(X)
Exploration expenditures.....	do....	5,310.3	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup> .....	do....	2,124.2	102.0	-	1,488.5	533.7	1,309.4	814.9
Dry holes.....	do....	1,147.9	43.4	-	744.7	359.8	685.0	462.9
Oil.....	do....	287.3	(0)	-	251.8	(0)	202.9	84.4
Gas.....	do....	511.6	10.1	-	426.8	74.6	316.3	195.3
Work-in-progress adjustment.....	do....	177.5	(D)	-	65.2	(D)	108.2	69.3
Lease and land acquisitions of nonproducing acreage.....	do....	1,614.5	(0)	-	(D)	1,000.9	(X)	(X)
Land department, leasing and scouting.....	do....	113.4	2.1	-	96.9	14.5	(X)	(X)
Geological and geophysical.....	do....	652.8	74.6	41.2	414.6	122.5	(X)	(X)
Lease rents.....	do....	204.7	2.6	.1	184.3	17.7	(X)	(X)
Test hole contributions.....	do....	16.9	.2	-	12.6	4.0	(X)	(X)
Other exploration expenditures, including direct overhead.....	do....	242.0	(X)	(X)	(X)	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	do....	341.7	(X)	(X)	(X)	(X)	(X)	(X)
Development expenditures.....	do....	6,422.6	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup> .....	do....	3,354.6	89.1	20.7	2,464.5	780.3	2,373.3	981.3
Dry holes.....	do....	396.0	6.3	-	308.9	80.5	269.6	126.3
Oil.....	do....	1,391.6	21.1	20.1	1,118.7	231.7	1,017.7	374.0
Gas.....	do....	1,122.3	4.5	-	864.9	252.9	773.9	348.3
Work-in-progress adjustment.....	do....	444.9	57.7	(Z)	172.1	215.1	312.2	132.7
Lease equipment.....	do....	1,499.6	408.3	9.3	757.6	324.4	1,580.7	1,151.3
Lease and land acquisitions of producing acreage.....	do....	303.4	-	.5	301.5	1.5		
Other development expenditures, including direct overhead.....	do....	928.9	(X)	(X)	(X)	(X)		
General and administrative overhead not reported elsewhere.....	do....	336.1	(X)	(X)	(X)	(X)	(X)	(X)
Production expenditures.....	do....	6,825.8	(X)	(X)	(X)	(X)	(X)	(X)
Direct operating expenditures	do....	3,952.9	16.8	46.9	3,421.5	467.7	2,967.4	985.5
Operating and maintenance.....	do....	3,140.0	12.7	36.1	2,757.0	334.2	(X)	(X)
Workovers.....	do....	530.5	8.8	-	430.9	90.8	(X)	(X)
Other direct expenses.....	do....	282.4	6.1	-	233.5	42.7	(X)	(X)
Indirect operating expenditures.....	do....	2,872.8	(X)	(X)	(X)	(X)	(X)	(X)
Taxes (excluding income taxes).....	do....	1,746.1	8.6	27.7	1,633.5	76.2	1,287.8	458.2
General and administration overhead.....	do....	768.8	(X)	(X)	(X)	(X)	(X)	(X)
Other indirect expenses.....	do....	358.0	5.3	-	304.5	48.2	283.7	74.3
Gross book value of fixed assets.....	do....	72,289.8	2,410.0	839.4	46,992.4	22,047.9	(X)	(X)
Oil and gas field properties.....	do....	70,654.8	2,311.0	836.8	45,566.3	21,940.8	(X)	(X)
Nonproducing properties.....	do....	12,894.8	621.2	156.2	3,668.6	8,448.9	(X)	(X)
Producing properties.....	do....	53,846.4	486.6	645.8	40,412.6	12,301.4	(X)	(X)
Work-in-progress.....	do....	3,913.6	1,203.2	34.9	1,485.2	1,190.4	(X)	(X)
Buildings, other structures, and machinery.....	do....	1,634.9	99.1	2.6	1,426.1	107.1	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. - Represents zero. (X) Not applicable. (Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 5.--DETAILED STATISTICS BY LEASE CLASSIFICATION AND TOTAL LEASE REVENUES RANK: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
PART I, OIL LEASES							
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	1,733.9	899.3	341.6	174.5	129.3	189.2
From stripper well leases...	....do....	216.2	53.3	35.5	24.5	23.6	79.4
Natural gas.....	Bill. cu.ft.	1,575.7	844.9	231.3	154.4	126.7	218.5
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol...	13,088.5	6,653.0	2,421.3	1,378.0	1,063.7	1,572.5
Crude petroleum.....	....do....	13,088.5	6,653.0	2,421.3	1,378.0	1,063.7	1,572.5
Natural gas.....	....do....	781.3	401.6	118.9	78.3	56.4	126.1
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	2615.4	199.6	32.7	79.2	119.4	184.4
Dry holes.....	....do....	2308.9	116.7	56.2		60.5	75.4
Oil.....	....do....	247.0	40.7	14.4	29.4	54.5	108.0
Work-in-progress adjustment.....	....do....	259.6	42.2	12.0		4.4	1.0
Development expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	1,346.9	566.6	200.2	177.3	183.0	219.8
Dry holes.....	....do....	118.5	37.2	12.0	13.3	21.6	34.4
Oil.....	....do....	1,065.7	409.2	163.2	158.0	158.2	177.1
Work-in-progress adjustment.....	....do....	162.7	120.1	25.1	6.1	3.2	8.3
Production expenditures:							
Direct operating expenditures	....do....	2,544.1	1,090.1	490.3	303.3	218.7	441.7
Operating and maintenance...	....do....	2,088.2	867.0	425.8	260.1	184.7	350.7
Workovers.....	....do....	258.6	116.7			21.5	46.1
Other direct expenses.....	....do....	197.3	106.4	64.5	43.2	12.5	45.0
PART II, GAS LEASES							
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	80.8	31.6	14.2	15.7	8.7	10.7
From stripper well leases...	....do....	2.0	.5			.5	.2
Lease condensate.....	....do....	80.0	31.3	14.2	16.0	8.6	10.6
Natural gas.....	Bill. cu.ft.	10,285.6	3,984.7	1,935.5	1,923.1	1,150.1	1,292.4
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol...	621.7	237.1	101.5	121.7	71.8	89.5
Lease condensate.....	....do....	621.7	237.1	101.5	121.7	71.9	89.5
Natural gas.....	....do....	4,550.3	1,864.5	715.0	857.2	541.6	572.0
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	2937.2	199.1	78.2	182.2	177.9	299.8
Dry holes.....	....do....	2444.5	108.4	37.0	110.5	81.9	106.6
Gas.....	....do....	457.9	69.3	43.1	85.9	94.7	165.0
Work-in-progress adjustment.....	....do....	234.9	21.3	-1.9	-14.2	1.4	28.2
Development expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	1,364.7	451.6	202.2	261.9	253.7	195.3
Dry holes.....	....do....	202.3	60.1	26.3	35.3	46.0	34.5
Gas.....	....do....	975.0	282.0	136.4	201.6	196.2	158.9
Work-in-progress adjustment.....	....do....	187.4	109.4	39.5	25.0	11.5	2.0
Production expenditures:							
Direct operating expenditures	....do....	582.7	167.3	105.0	114.6	86.9	108.9
Operating and maintenance...	....do....	449.8	120.9	74.6	95.6	66.9	91.7
Workovers.....	....do....	89.5	27.5	26.1	11.9	11.2	12.8
Other direct expenses.....	....do....	43.5	18.8	4.3	7.1	8.8	4.5

See footnotes at end of table.



Table 5.--DETAILED STATISTICS BY LEASE CLASSIFICATION AND TOTAL LEASE REVENUES RANK: 1975--Continued

(Net company interest basis)							
Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
PART III, COMBINED LEASES							
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	599.3	325.7	120.6	81.9	33.0	38.0
From stripper well leases...	....do....	25.5	7.5	3.6	4.6	2.0	7.9
Lease condensate.....	....do....	36.5	20.6	9.1	4.6	1.2	1.1
Natural gas.....	Bil. cu.ft.	4,276.7	2,505.1	910.5	355.3	317.2	188.7
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol...	4,417.0	2,362.5	840.5	641.2	255.1	317.7
Crude petroleum.....	....do....	4,147.5	2,201.2	787.5	601.7	245.5	311.6
Lease condensate.....	....do....	269.5	161.1	53.0	39.6	9.6	6.2
Natural gas.....	....do....	1,909.2	1,100.0	409.1	172.4	136.2	91.6
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	<sup>2</sup> 339.2	58.6	46.2	91.6	63.7	79.2
Dry holes.....	....do....	<sup>2</sup> 191.0	31.0	24.9	47.2	47.3	40.5
Oil.....	....do....	40.4	15.9	21.3	7.2	5.8	9.6
Gas.....	....do....	53.7			18.5	10.6	14.8
Work-in-progress adjustment.....	....do....	<sup>2</sup> 54.2	11.6	7.0	18.7		- .8
Development expenditures:							
Drilling and equipping wells <sup>1</sup>	....do....	643.0	298.6	78.4	117.9	79.2	69.0
Dry holes.....	....do....	75.1	31.9	11.8	15.3	11.3	4.8
Oil.....	....do....	325.9	157.3	48.2	34.9	48.2	37.4
Gas.....	....do....	147.2	51.3	11.4	35.5	20.5	28.4
Work-in-progress adjustment.....	....do....	94.8	58.1	7.0	32.2	- .8	-1.7
Production expenditures:							
Direct operating expenditures	....do....	826.1	442.6	143.4	112.7	54.9	72.4
Operating and maintenance...	....do....	601.9	278.4	118.0	98.9	47.4	59.2
Workovers.....	....do....	182.5	137.1	25.4	13.8	5.4	10.6
Other direct expenses.....	....do....	41.7	27.2			2.1	2.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier years' drilling and equipping expenditures for wells completed during 1975.

<sup>2</sup>The detail of this table does not add to the totals presented for these items in other net company interest tables since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

Table 6.--DETAILED STATISTICS GROUPED BY THE RATIO OF NET OIL AND GAS REVENUES TO GROSS BOOK VALUE OF FIXED ASSETS: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Companies grouped by selected size-class <sup>1</sup>							
			.000 or negative	.001-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.449	.450 and over
Sales volumes:										
Crude petroleum and condensate.	Mil. bbl...	2,414.0	4.7	353.6	582.1	433.3	416.7	99.1	9.6	515.0
From stripper well leases....	....do....	243.8	2.6	47.1	57.4	30.6	18.6	12.0	3.7	71.7
Lease condensate.....	....do....	116.5	.5	22.1	31.0	19.8	18.1	2.2	.2	22.7
Natural gas.....	Bil. cu. ft.	16,138.3	53.7	3,437.5	4,173.5	2,693.6	2,239.6	372.8	39.7	3,127.9
Lease revenues.....	Mil. dol...	26,237.5	86.1	4,197.7	6,043.6	4,628.0	4,422.7	931.1	105.9	5,822.4
Crude petroleum and condensate.....	....do....	18,142.2	38.4	2,640.7	4,112.7	3,304.4	3,230.8	689.3	79.1	4,046.7
Crude petroleum.....	....do....	17,250.9	35.1	2,467.5	3,888.3	3,137.5	3,095.6	670.4	77.7	3,878.8
Lease condensate.....	....do....	891.2	3.2	173.2	224.4	167.0	135.2	18.9	1.4	167.9
Natural gas.....	....do....	7,241.0	18.8	1,354.6	1,766.1	1,151.6	1,089.1	170.0	21.5	1,669.3
Income received from oil and gas royalties.....	....do....	767.3	28.9	189.0	126.6	159.6	100.2	67.1	5.2	96.0
Other lease revenues from producing operations.....	....do....	87.1		13.5	38.1	12.4	2.6	4.8		10.3
Expenditures (capitalized and expensed).....	....do....	18,558.7	172.4	4,615.7	3,937.9	3,094.5	2,846.9	555.1	92.0	3,244.3
Exploration expenditures.....	....do....	5,310.3	60.6	1,561.3	1,171.7	694.1	872.7	156.9	19.9	773.1
Drilling and equipping wells <sup>2</sup>	....do....	2,124.2	28.8	713.4	444.5	236.1	265.5	62.9	10.8	362.2
Dry holes.....	....do....	1,147.9	12.6	343.8	279.0	117.8	162.4	32.8	5.8	193.7
Oil.....	....do....	287.3	15.4	96.8	52.3	28.0	31.8	9.3	5.0	65.1
Gas.....	....do....	511.6		196.8	95.7	57.3	49.6	21.2		74.5
Work-in-progress adjustment.....	....do....	177.5	.8	76.0	17.6	32.9	21.7	-.4	(Z)	28.9
Lease and land acquisitions of nonproducing acreage.....	....do....	1,614.5	8.8	474.3	352.4	231.9	295.3	42.9	2.3	206.7
Land department, leasing and scouting.....	....do....	113.4	-	20.5	25.0	24.1	9.4	15.8	1.7	17.0
Geological and geophysical....	....do....	652.8	4.4	112.7	195.1	120.6	134.0	8.0	1.5	76.6
Lease rents.....	....do....	204.7	2.9	61.2	45.2	23.8	38.8	3.9	(Z)	28.2
Test hole contributions.....	....do....	16.9	-	3.7	5.6	9.6	129.6	.1	2.8	2.5
Other exploration expenditures, including direct overhead.....	....do....	242.0	.8	90.6	63.6					30.9
General and administrative overhead not reported elsewhere.....	....do....	341.7	15.1	84.8	40.4	48.1	19.6	47.0	.7	49.1
Development expenditures.....	....do....	6,422.6	22.5	1,762.5	1,266.7	1,164.9	891.7	134.0	35.1	1,145.3
Drilling and equipping wells <sup>2</sup>	....do....	3,354.6	14.8	889.1	795.1	548.8	487.5	72.4	28.5	518.5
Dry holes.....	....do....	396.0	12.3	113.9	92.3	59.9	43.1	10.6	30.9	70.3
Oil.....	....do....	1,391.6		328.2	281.6	284.1	187.0	39.5		256.3
Gas.....	....do....	1,122.3	2.5	359.3	286.4	143.5	153.3	16.5	-2.4	140.8
Work-in-progress adjustment.....	....do....	444.9		87.7	134.8	61.4	104.1	5.8		51.0
Lease equipment.....	....do....	1,499.6	4.2	271.7	219.9	382.5	176.4	11.6	3.7	429.6
Lease and land acquisitions of producing acreage.....	....do....	303.4	-	543.3	46.1	15.6	227.8	2.9	2.2	21.8
Other development expenditures, including direct overhead.....	....do....	928.9	1.5		123.3	218.0		47.0		109.9
General and administrative overhead not reported elsewhere.....	....do....	336.1	2.1	58.4	82.4	159.9	49.1	2.9	.7	65.4
Production expenditures.....	....do....	6,825.8	89.3	1,291.9	1,499.4	1,235.5	1,082.5	264.2	37.0	1,325.9
Direct operating expenditures	....do....	3,952.9	38.8	794.7	967.6	681.0	625.3	146.8	25.2	673.5
Operating and maintenance....	....do....	3,140.0	29.8	628.6	815.6	514.3	467.9	120.4	20.1	543.3
Workovers.....	....do....	530.5	4.2	99.5	89.4	166.7	157.5	26.4	2.4	93.3
Other direct expenses.....	....do....	282.4	4.7	66.6	62.6				2.7	36.9
Indirect operating expenditures.....	....do....	2,872.8	50.5	497.2	531.8	554.6	457.2	117.4	11.7	652.4
Taxes (excluding income taxes).....	....do....	1,746.1	8.4	258.4	395.0	370.3	297.3	68.2	4.8	343.5
General and administration overhead.....	....do....	768.8	39.4	152.4	115.9	177.9	159.9	49.1	4.0	126.3
Other indirect expenses.....	....do....	358.0	2.7	86.5	20.9	6.4			2.9	182.6
Gross book value of fixed assets.....	....do....	72,289.8	517.9	20,628.1	19,208.0	12,112.1	10,055.4	1,558.9	150.1	8,059.2
Oil and gas field properties.....	....do....	70,654.8	489.5	20,195.5	18,924.2	11,764.2	9,868.9	1,492.3	140.3	7,779.9
Nonproducing properties.....	....do....	12,894.8	(D)	3,822.8	3,955.2	1,863.5	1,488.6	195.5	(D)	(D)
Producing properties.....	....do....	53,846.4	234.1	14,374.0	14,612.8	9,341.4	8,024.6	1,281.9	125.3	5,852.4
Work-in-progress.....	....do....	3,913.6	(D)	1,998.7	356.2	559.3	355.7	14.9	(D)	(D)
Buildings, other structures, and machinery.....	....do....	1,634.9	28.4	432.6	283.8	347.9	186.5	66.6	9.8	279.3

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. - Represents zero. (Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Net oil and gas revenues equal crude petroleum and lease condensate plus natural gas revenue minus production expenditures. Note that no deductions have been made for income taxes or depreciation, depletion, and amortization.<sup>2</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 7.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPENDITURES TO TOTAL REVENUES: 1975

(Net company interest basis)													
Item	Unit of measure	Total United States	Companies grouped by selected size-class										
			.000-.399	.400-.599	.600-.649	.650-.699	.700-.799	.800-.899	.900-1.099	1.100-1.399	1.400-1.799	1.800 and over	
Sales volumes:													
Crude petroleum and condensate	Mil. bbl...	2,414.0	80.9	792.2	546.3	309.5	449.3	37.9	89.2	43.6	29.0	36.1	
From stripper well leases..	....do.....	243.8	10.4	72.7	45.4	31.9	35.1	9.5	17.0	8.3	8.2	5.4	
Lease condensate.....	....do.....	116.5	2.6	34.0	26.7	11.1	21.1	2.0	8.9	4.4	2.0	3.8	
Natural gas.....	Bil. cu. ft.	16,138.3	407.3	5,188.9	3,443.1	1,593.4	2,656.1	410.6	803.1	655.4	467.4	513.0	
Lease revenues.....													
Crude petroleum and condensate.....	Mil. dol...	26,237.5	875.2	8,611.7	5,835.1	2,930.4	4,669.8	525.3	1,161.1	639.0	459.0	530.8	
.....do.....	....do.....	18,142.2	647.0	5,837.0	4,220.0	2,182.2	3,386.7	306.5	675.4	350.0	249.5	287.9	
Crude petroleum.....	....do.....	17,250.9	628.0	5,584.6	4,013.5	2,099.0	3,229.8	291.5	605.4	313.3	231.0	254.8	
Lease condensate.....	....do.....	891.2	19.0	252.4	206.6	83.2	156.9	15.0	70.0	36.7	18.4	33.1	
Natural gas.....	....do.....	7,240.9	171.2	2,465.7	1,433.3	693.9	1,187.4	181.8	439.6	247.8	196.7	223.4	
Income received from oil and gas royalties.....	....do.....	767.3	56.3	286.1	159.7	46.0	87.4	33.3	36.1	36.9	11.0	14.5	
Other lease revenues from producing operations.....	....do.....	87.1	.7	22.9	22.2	8.2	8.3	3.6	10.0	4.3	1.9	5.0	
Expenditures (capitalized and expensed).....													
.....do.....	....do.....	18,558.7	268.3	4,447.0	3,595.6	1,953.8	3,461.8	447.1	1,150.0	774.8	738.7	1,721.6	
Exploration expenditures.....	....do.....	5,310.3	42.6	1,014.8	877.1	546.4	1,071.1	134.3	410.2	281.1	284.6	648.0	
Drilling and equipping wells <sup>1</sup>	....do.....	2,124.2	25.8	349.5	266.0	173.7	372.5	57.2	236.4	149.6	141.7	351.7	
Dry holes.....	....do.....	1,147.9	12.8	212.4	143.4	102.7	221.8	33.8	142.7	66.2	55.5	156.6	
Oil.....	....do.....	287.3	8.2	42.1	42.5	17.4	44.9	7.2	32.5	22.6	23.9	46.0	
Gas.....	....do.....	511.6		56.9			67.8	17.7	66.3	59.9	44.2	96.1	
Work-in-progress adjustment.....	....do.....	177.5	4.8	38.1	80.1	53.7	38.0	-1.5	-5.2	.9	18.2	53.0	
Lease and land acquisitions of nonproducing acreage...	....do.....	1,614.5	4.4	301.7	278.8	201.9	373.9	44.7	85.6	64.4	90.1	169.1	
Land department, leasing and scouting.....	....do.....	113.4		29.2	26.2	8.1	22.2	(D)	8.8	4.9	3.6	7.6	
Geological and geophysical.	....do.....	652.8	9.5	173.1	131.4		164.6	9.3	(D)	14.6	14.8	21.9	
Lease rents.....	....do.....	204.7		41.0	38.5	114.4	36.1	8.4	15.0	13.9	12.4	18.4	
Test hole contributions....	....do.....	16.9	.2		4.8		2.8	(D)	(D)	1.0	.7	2.5	
Other exploration expenditures, including direct overhead.....	....do.....	242.0	.7	57.1	59.0	25.7	18.1	6.1	13.3	5.7	11.1	45.2	
General and administrative overhead not reported elsewhere.....	....do.....	341.7	2.0	63.4	72.4	22.7	80.9	5.4	26.0	27.1	10.2	31.7	
Development expenditures.....													
.....do.....	....do.....	6,422.6	62.3	1,497.1	1,108.6	637.8	1,163.1	139.2	385.0	291.3	290.8	847.4	
Drilling and equipping wells <sup>1</sup>	....do.....	3,354.6	35.8	723.5	592.4	409.1	562.5	86.7	251.6	213.0	183.8	296.1	
Dry holes.....	....do.....	396.0	(D)	81.4	64.4	(D)	52.0	21.5	47.6	28.0	(D)	34.4	
Oil.....	....do.....	1,391.6	18.9	313.5	277.4	152.2	256.0	27.8	100.7	78.4	76.4	90.3	
Gas.....	....do.....	1,122.3	5.3	232.2	179.6	118.9	146.2	34.2	103.2	90.3	76.9	135.6	
Work-in-progress adjustment.....	....do.....	444.9	(D)	96.4	71.0	(D)	108.3	3.3	.2	16.4	(D)	35.8	
Lease equipment.....	....do.....	1,499.6	17.6	483.5	245.0	104.6	369.5	30.6	72.4	33.8	59.4	83.2	
Lease and land acquisitions of producing acreage.....	....do.....	303.4		19.1	(D)		16.7	9.1	26.6	9.7	(D)		
Other development expenditures, including direct overhead.....	....do.....	928.9	9.0	192.1	111.4	96.3	123.5	6.9	14.9	16.0	2.7	430.2	
General and administrative overhead not reported elsewhere.....	....do.....	336.1		78.8	(D)	27.9	90.8	5.9	19.4	18.9	(D)	38.0	
Production expenditures.....													
.....do.....	....do.....	6,825.8	163.5	1,935.1	1,609.8	769.6	1,227.6	173.6	354.7	202.4	163.3	226.2	
Direct operating expenditures	....do.....	3,952.9	105.2	1,028.1	899.4	504.2	780.3	91.6	226.4	121.5	87.5	108.7	
Operating and maintenance	....do.....	3,140.0	90.4	848.7	699.9	411.0	593.0	75.3	162.4	104.0	62.9	92.4	
Workovers.....	....do.....	530.5	12.5	130.7	183.1	45.3	82.0	10.0	29.0	13.9	16.2	7.8	
Other direct expenses.....	....do.....	282.4	2.3	48.6	16.5	47.9	105.4	6.2	34.9	3.6	8.4	8.5	
Indirect operating expenditures.....	....do.....	2,872.8	58.3	907.0	710.4	265.4	447.3	82.0	128.4	80.8	75.8	117.5	
Taxes (excluding income taxes).....	....do.....	1,746.1	38.1	556.5	447.5	203.4	308.6	26.7	70.1	32.8	29.4	33.0	
General and administration overhead.....	....do.....	768.8	18.0	167.6	262.9	62.0	119.4	32.1	39.9	42.3	36.1	39.9	
Other indirect expenses..	....do.....	358.0	2.2	182.9			19.3	23.3	18.4	5.6	10.4	44.5	
Gross book value of fixed assets.....													
.....do.....	....do.....	72,289.8	1,957.1	19,293.7	14,086.5	10,466.3	12,146.5	1,585.0	3,090.7	2,688.9	2,404.7	4,570.4	
Oil and gas field properties	....do.....	70,654.8	1,901.3	18,995.5	13,761.8	10,346.0	11,797.4	1,507.0	2,983.8	2,606.2	2,352.8	4,403.0	
Nonproducing properties..	....do.....	12,894.8	411.7	3,146.2	2,490.3	2,045.5	1,653.8	235.1	471.5	454.7	666.2	1,319.7	
Producing properties.....	....do.....	53,846.4	1,488.4	14,616.6	10,871.1	8,129.6	9,590.4	1,231.6	2,448.2	2,070.7	1,622.8	1,777.0	
Work-in-progress.....	....do.....	3,913.6	1.2	1,232.7	400.4	170.9	553.2	40.2	64.1	80.8	63.8	1,306.4	
Building, other structures, and machinery.....	....do.....	1,634.9	55.9	298.2	324.7	120.2	349.1	78.0	106.8	82.8	51.9	167.3	

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 8.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATION EXPENDITURES TO TOTAL EXPENDITURES: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.199	.200-.299	.300-.399	.400-.449	.450-.499	.500-.549	.550-.599	.600-.699	.700-1.000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,414.0	69.4	595.1	962.8	587.9	75.8	35.4	33.5	26.9	11.9	15.3
From stripper well leases...	do.....	243.8	35.6	63.2	64.2	56.4	7.2	3.9	3.6	4.3	3.2	2.4
Lease condensate.....	do.....	116.5	.9	24.2	43.1	32.8	3.2	2.9	3.6	2.7	.7	2.3
Natural gas.....	Bil. cu. ft.	16,138.3	355.6	3,566.7	6,599.5	3,808.7	631.4	259.4	317.0	288.2	85.2	226.6
Lease revenues.....	Mil. dol...	26,237.5	796.6	6,324.9	10,241.4	6,210.4	1,056.1	391.3	427.3	397.8	152.3	239.3
Crude petroleum and condensate.....	do.....	18,142.2	625.2	4,544.3	7,045.2	4,340.0	655.9	237.8	255.4	220.8	105.8	111.9
Crude petroleum.....	do.....	17,250.9	618.2	4,353.3	6,710.7	4,114.2	626.8	217.5	227.2	193.9	99.4	89.7
Lease condensate.....	do.....	891.2	6.9	191.0	334.5	225.8	29.1	20.2	28.3	26.8	6.4	22.2
Natural gas.....	do.....	7,240.9	135.2	1,625.2	2,945.7	1,693.7	283.9	99.1	144.3	154.7	42.6	116.6
Income received from oil and gas royalties.....	do.....	767.3	29.2	143.1	223.8	156.4	110.4	52.8	26.1	15.3	2.3	7.9
Other lease revenues from producing operations.....	do.....	87.1	7.1	12.3	26.8	20.4	5.9	1.6	1.4	7.1	1.6	2.9
Expenditures (capitalized and expensed).....	do.....	18,558.7	427.7	4,464.5	6,169.2	4,765.6	821.0	412.0	388.9	369.5	200.3	540.1
Exploration expenditures.....	do.....	5,310.3	-	632.4	1,530.5	1,627.6	343.2	196.8	203.0	213.1	130.3	433.3
Drilling and equipping wells <sup>1</sup>	do.....	2,124.2	-	194.3	524.4	577.4	159.6	101.8	106.4	125.4	66.4	268.5
Dry holes.....	do.....	1,147.9	-	100.9	311.4	349.2	83.8	46.3	58.7	69.6	21.8	106.2
Oil.....	do.....	287.3	-	26.4	59.2	74.4	24.0	21.5	19.5	20.8	23.9	17.6
Gas.....	do.....	511.6	-	21.7	119.2	139.9	38.6	27.0	31.5	20.8	23.9	17.6
Work-in-progress adjustment.....	do.....	177.5	-	45.3	34.6	13.8	13.2	33.9	1.2	3.5	20.8	54.9
Lease and land acquisitions of nonproducing acreage.....	do.....	1,614.5	-	205.9	423.0	595.6	95.6	54.4	65.4	43.8	19.9	110.9
Land department, leasing and scouting.....	do.....	113.4	-	17.7	32.8	35.7	8.3	4.0	2.1	5.4	.7	6.7
Geological and geophysical.....	do.....	652.8	-	118.6	231.4	217.3	37.3	10.3	10.3	11.4	.3	15.8
Lease rents.....	do.....	204.7	-	30.5	67.6	65.3	12.9	5.5	5.8	7.2	2.8	7.2
Test hole contributions.....	do.....	16.9	-	1.2	7.2	2.3	1.5	.4	.2	3.7	.1	.2
Other exploration expenditures, including direct overhead.....	do.....	242.0	-	8.7	125.7	40.1	11.8	2.2	8.8	40.1	5.2	
General and administrative overhead not reported elsewhere.....	do.....	341.7	-	55.5	118.3	93.9	16.2	18.2	12.9	7.4	18.7	
Development expenditures.....	do.....	6,422.6	122.8	1,989.7	2,266.2	1,423.5	262.8	102.5	96.7	73.7	36.5	48.1
Drilling and equipping wells <sup>1</sup>	do.....	3,354.6	83.1	762.5	1,147.4	929.5	174.4	72.9	68.0	54.4	27.7	34.7
Dry holes.....	do.....	396.0	10.1	80.7	130.7	111.6	24.2	(0)	10.6	10.6	(0)	6.9
Oil.....	do.....	1,391.6	49.4	412.8	441.0	339.4	69.9	21.4	17.2	15.2	18.5	6.8
Gas.....	do.....	1,122.3	23.6	178.1	408.2	316.4	73.1	31.9	38.1	32.0	4.5	16.3
Work-in-progress adjustment.....	do.....	444.9	(Z)	90.9	167.6	162.0	7.2	(0)	2.1	-3.4	(0)	4.8
Lease equipment.....	do.....	1,499.6	28.0	519.7	600.0	226.6	67.8	14.7	20.0	12.5	4.6	5.7
Lease and land acquisitions of producing acreage.....	do.....	303.4	8.2	60.3	182.1	40.4	2.4	6.7	4.8	.1	2.1	5.4
Other development expenditures, including direct overhead.....	do.....	928.9	519.7	240.1	143.1	8.6	4.0	4.3	2.1	.1		
General and administrative overhead not reported elsewhere.....	do.....	336.1	3.6	127.5	96.6	83.9	9.6	4.3	4.1	2.5	2.1	2.0
Production expenditures.....	do.....	6,825.8	304.9	1,842.4	2,372.5	1,714.5	214.9	112.7	89.1	82.6	33.4	58.8
Direct operating expenditures	do.....	3,952.9	204.1	1,043.6	1,283.2	1,088.1	114.2	68.4	51.6	43.5	20.0	36.2
Operating and maintenance	do.....	3,140.0	175.9	800.7	997.1	887.9	96.3	48.0	45.5	38.9	18.8	30.9
Workovers.....	do.....	530.5	21.8	169.6	180.1	118.1	12.5	16.0	4.9	3.6	.8	3.1
Other direct expenses.....	do.....	282.4	6.4	73.2	106.0	82.1	5.4	4.4	1.3	1.0	.4	2.2
Indirect operating expenditures.....	do.....	2,872.8	100.8	798.8	1,089.3	626.4	100.7	44.3	37.4	39.1	13.3	22.6
Taxes (excluding income taxes).....	do.....	1,746.1	32.8	470.5	675.5	407.9	69.1	20.1	24.9	26.3	6.7	12.4
General and administration overhead.....	do.....	768.8	56.8	252.8	230.7	144.6	24.2	21.5	10.5	12.3	6.6	10.4
Other indirect expenses.....	do.....	358.0	11.3	75.4	183.0	73.9	7.4	2.7	2.0	.5		
Gross book value of fixed assets.....	do.....	72,289.8	1,325.4	16,278.6	27,527.1	18,018.3	2,929.3	1,386.2	1,565.0	1,140.8	680.4	1,438.5
Oil and gas field properties.....	do.....	70,654.8	1,237.1	15,826.1	27,152.1	17,563.3	2,832.7	1,323.2	1,530.7	1,119.1	660.2	1,410.3
Nonproducing properties.....	do.....	12,894.8	(0)	2,367.9	5,011.6	3,143.4	692.2	(0)	413.9	251.7	(0)	523.2
Producing properties.....	do.....	53,846.4	1,127.8	12,202.6	20,613.6	13,981.1	2,078.7	1,003.0	1,047.6	846.8	261.5	683.7
Work-in-progress.....	do.....	3,913.6	(0)	1,255.6	1,526.9	438.8	61.8	(0)	69.2	20.6	(0)	203.5
Buildings, other structures, and machinery.....	do.....	1,634.9	88.3	452.4	375.0	455.0	96.5	63.0	34.4	21.7	20.3	28.2

Note: Detailed figures may not add to totals because of independent rounding.

(0) Withheld to avoid disclosing figures for individual companies. - Represents zero. (Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 9.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL DEVELOPMENT EXPENDITURES TO TOTAL EXPENDITURES: 1975

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.499	.500-1.000
Sales volumes:												
Crude petroleum and condensate	Mill. bbl...	2,414.0	57.6	36.6	31.5	63.4	195.2	498.0	604.5	599.5	141.7	185.8
From stripper well leases...	.....do.....	243.8	20.7	10.8	9.7	10.8	22.4	44.0	49.3	36.8	17.3	22.1
Lease condensate.....	.....do.....	116.5	2.9	2.3	1.9	2.7	10.2	18.6	31.4	31.9	7.3	7.2
Natural gas.....	Bill. cu. ft	16,138.3	357.1	303.3	239.4	587.0	1,003.8	2,772.3	3,851.8	4,329.4	1,275.7	1,418.5
Lease revenues.....	Mill. dol...	26,237.5	649.7	505.8	377.8	779.8	2,035.5	5,096.7	5,932.7	6,849.6	1,802.1	2,207.8
Crude petroleum and condensate.....	.....do.....	18,142.2	454.8	307.3	255.1	483.0	1,477.7	3,702.8	4,274.5	4,532.2	1,157.4	1,497.6
Crude petroleum.....	.....do.....	17,250.9	428.4	286.3	241.3	458.7	1,415.0	3,559.1	4,040.5	4,286.8	1,091.5	1,443.4
Lease condensate.....	.....do.....	891.2	26.4	21.0	13.8	24.3	62.6	143.7	234.0	245.4	65.9	54.2
Natural gas.....	.....do.....	7,240.9	152.8	140.7	100.7	235.6	438.3	1,285.0	1,551.1	2,102.5	582.5	651.8
Income received from oil and gas royalties.....	.....do.....	767.3	37.5	54.8	20.9	52.8	104.1	89.3	96.2	206.2	56.6	49.0
Other lease revenues from producing operations.....	.....do.....	87.1	4.5	3.0	1.2	8.5	15.5	19.7	11.0	8.7	5.6	9.4
Expenditures (capitalized and expensed).....	.....do.....	18,558.7	436.2	413.7	398.0	593.3	1,483.4	3,463.8	3,886.2	3,896.4	1,557.6	2,430.1
Exploration expenditures.....	.....do.....	5,310.3	194.0	215.3	211.9	212.2	565.7	1,123.8	995.6	965.9	462.8	363.1
Drilling and equipping wells <sup>1</sup>	.....do.....	2,124.2	160.5	110.5	121.5	110.0	231.8	376.6	303.6	347.1	194.2	168.4
Dry holes.....	.....do.....	1,147.9	52.0	53.3	52.6	60.4	121.7	223.7	173.9	213.0	120.5	76.8
Oil.....	.....do.....	287.3	(D)	14.8	13.8	15.6	44.7	50.7	36.9	30.4	(D)	21.1
Gas.....	.....do.....	511.6	56.7	36.9	38.7	26.2	60.4	81.7	60.9	69.1	41.7	39.1
Work-in-progress adjustment.....	.....do.....	177.5	(D)	5.5	16.4	7.9	4.9	20.6	31.8	34.6	(D)	31.5
Lease and land acquisitions of nonproducing acreage.....	.....do.....	1,614.5	13.4	56.5	60.0	41.0	202.9	381.2	360.4	258.7	151.3	89.3
Land department, leasing and scouting.....	.....do.....	113.4	(D)	4.7	(D)	18.1	9.6	19.1	21.6	(D)	9.9	8.2
Geological and geophysical.....	.....do.....	652.8	3.2	8.6	6.7	13.7	63.5	161.5	170.7	143.1	39.2	42.6
Lease rents.....	.....do.....	204.7	4.0	6.3	5.1	9.7	17.1	36.2	39.5	42.0	26.1	18.8
Test hole contributions.....	.....do.....	16.9	(D)	.1	(D)	1.1	.6	3.6	2.5	(D)	.6	.9
Other exploration expenditures, including direct overhead.....	.....do.....	242.0	.9	5.3	2.1	11.0	13.9	68.6	40.6	75.7	18.5	5.5
General and administrative overhead not reported elsewhere.....	.....do.....	341.7	10.2	23.3	9.7	7.6	26.5	77.0	56.9	78.0	23.1	29.3
Development expenditures.....	.....do.....	6,422.6	-	24.1	50.7	107.2	339.0	935.7	1,266.0	1,475.4	695.5	1,529.1
Drilling and equipping wells <sup>1</sup>	.....do.....	3,354.6	-	13.1	31.0	71.1	215.2	544.4	747.8	713.5	483.0	535.6
Dry holes.....	.....do.....	396.0	-	(D)	7.7	8.0	(D)	44.4	98.1	91.3	51.2	58.7
Oil.....	.....do.....	1,391.6	-	5.3	8.2	33.0	66.8	241.5	320.8	277.8	200.0	238.2
Gas.....	.....do.....	1,122.3	-	2.4	16.8	32.5	94.8	156.8	208.5	241.5	200.2	168.7
Work-in-progress adjustment.....	.....do.....	444.9	-	(D)	-1.8	-2.4	(D)	101.8	120.4	102.9	31.7	70.0
Lease equipment.....	.....do.....	1,499.6	-	6.0	10.0	17.0	85.3	168.1	245.9	478.4	121.9	366.8
Lease and land acquisitions of producing acreage.....	.....do.....	303.4	-	.7		1.5	8.8	24.2	33.5		17.1	
Other development expenditures, including direct overhead.....	.....do.....	928.9	-	.6	6.0	13.2	14.3	147.7	172.3	233.3	43.1	515.8
General and administrative overhead not reported elsewhere.....	.....do.....	336.1	-	3.6	3.6	4.3	15.5	51.3	66.5	50.2	30.3	110.8
Production expenditures.....	.....do.....	6,825.8	242.2	174.3	135.4	273.9	578.7	1,404.4	1,624.6	1,455.1	399.3	537.9
Direct operating expenditures	.....do.....	3,952.9	151.1	101.1	80.6	165.2	346.1	854.0	969.6	714.4	247.7	323.1
Operating and maintenance	.....do.....	3,140.0	123.0	84.9	69.0	136.8	307.5	648.4	751.9	543.7	208.4	266.3
Workovers.....	.....do.....	530.5	20.5	10.0	5.4	16.5	38.7	117.3	167.7	112.7	28.3	56.7
Other direct expenses.....	.....do.....	282.4	7.5	6.2	6.1	11.9		88.3	50.0	58.0	11.1	
Indirect operating expenditures.....	.....do.....	2,872.8	91.2	73.2	54.9	108.7	232.6	550.4	654.9	740.7	151.5	214.8
Taxes (excluding income taxes).....	.....do.....	1,746.1	26.9	29.0	25.1	55.1	131.6	338.0	468.8	444.0	95.8	131.7
General and administration overhead.....	.....do.....	768.8	56.1	40.8	25.1	38.9	53.2	133.0	186.1	296.7	42.7	74.4
Other indirect expenses.....	.....do.....	358.0	8.3	3.4	4.7	14.7	47.8	79.4			13.0	8.6
Gross book value of fixed assets.....	.....do.....	72,289.8	1,469.1	1,135.4	1,283.7	1,872.9	5,639.3	12,461.2	18,928.9	15,600.8	6,293.3	7,605.0
Oil and gas field properties.....	.....do.....	70,654.8	1,388.1	1,097.2	1,249.3	1,804.7	5,451.0	12,223.6	18,574.7	15,365.0	6,129.5	7,371.9
Nonproducing properties.....	.....do.....	12,894.8	141.5	233.8	242.5	358.1	1,352.7	1,834.3	3,352.3	2,702.6	1,570.9	1,105.9
Producing properties.....	.....do.....	53,866.4	1,213.5	841.9	945.6	1,400.7	3,847.4	9,857.8	14,839.5	11,410.5	4,319.1	5,170.5
Work-in-progress.....	.....do.....	3,913.6	33.0	21.4	61.2	45.9	250.8	531.5	382.9	1,251.9	239.4	1,095.5
Buildings, other structures, and machinery.....	.....do.....	1,634.9	81.1	38.2	34.4	68.3	188.4	237.6	354.2	235.9	163.8	233.1

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. - Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 10.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL PRODUCTION EXPENDITURES TO TOTAL EXPENDITURES: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			000-099	100-149	150-199	200-249	250-299	300-349	350-399	400-499	500-599	600-1,000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,414.0	21.3	21.8	44.4	29.6	96.2	245.3	790.9	863.9	199.2	101.2
From stripper well leases...	do.....	243.8	2.1	1.8	8.6	4.6	9.9	22.9	39.7	76.6	27.6	50.0
Lease condensate.....	do.....	116.5	2.6	2.0	3.4	4.7	9.6	12.9	36.8	35.9	7.2	1.4
Natural gas.....	Bil. cu. ft.	16,138.5	392.7	365.0	572.4	471.6	934.8	1,892.3	4,928.6	4,977.0	1,035.9	568.1
Lease revenues:												
Crude petroleum and condensate.....	Mil. dol.	26,237.3	370.5	390.1	699.4	515.1	1,269.2	2,784.3	8,514.4	8,400.4	2,117.2	1,176.9
Crude petroleum.....	do.....	18,142.2	166.8	205.3	388.8	245.4	758.3	1,885.0	5,944.7	6,220.8	1,459.8	867.3
Crude petroleum.....	do.....	17,250.9	146.6	187.6	357.6	206.2	676.9	1,784.6	5,671.2	5,958.1	1,406.1	856.0
Lease condensate.....	do.....	891.2	20.2	17.7	31.2	39.2	81.4	100.4	273.5	262.6	53.7	11.3
Natural gas.....	do.....	7,240.9	183.4	178.7	255.4	237.1	482.4	778.0	2,336.2	1,977.2	567.6	244.9
Income received from oil and gas royalties.....	do.....	767.3	20.2	6.1	12.0	28.3	19.9	109.3	222.4	171.0	83.9	56.0
Other lease revenues from producing operations.....	do.....	87.1										
Expenditures (capitalized and expensed):												
Exploration expenditures.....	do.....	18,558.7	1,248.9	1,496.9	820.0	565.0	1,059.6	2,185.9	5,227.6	5,072.3	1,255.7	626.7
Drilling and equipping wells <sup>1</sup>	do.....	5,310.3	490.4	211.3	327.1	236.6	422.0	574.3	1,558.5	1,199.3	248.8	42.0
Dry holes.....	do.....	2,124.2	273.6	124.3	144.8	140.8	248.8	228.1	453.3	382.3	103.9	24.2
Oil.....	do.....	1,147.9	118.9	67.9	71.0	70.1	136.0	128.9	267.5	225.7	50.5	11.3
Gas.....	do.....	287.3	18.0	25.9	32.9	18.2	21.9	35.3	50.8	60.8	14.4	9.2
Work-in-progress adjustment.....	do.....	511.6	81.3	31.8	34.9	52.3	64.7	38.7	90.6	83.4	29.7	4.1
Lease and land acquisitions of nonproducing acreage.....	do.....	177.5	15.5	-1.3	6.0	.2	26.2	25.2	44.3	12.4	9.3	-4.4
Land department, leasing and scouting.....	do.....	1,614.4	126.3	39.8	116.0	49.6	97.7	152.5	585.3	386.3	56.3	4.7
Geological and geophysical.....	do.....	113.4	4.8	4.7	5.8	5.1	9.6	13.1	22.6	37.3	8.5	1.9
Lease rents.....	do.....	652.8	16.2	13.0	18.4	11.4	22.5	86.0	235.0	216.1	30.6	1.8
Test hole contributions.....	do.....	204.7	10.1	9.4	13.5	12.0	14.1	28.1	55.5	46.3	11.6	4.2
Other exploration expenditures, including direct overhead.....	do.....	16.9	.5		.6	.2		2.3	6.2	2.8	.2	
General and administrative overhead not reported elsewhere.....	do.....			5.6			9.2					.9
Development expenditures.....	do.....	242.0	41.9		7.6	5.6		18.9	80.4	62.6	9.4	
Drilling and equipping wells <sup>1</sup>	do.....	341.7	13.1	12.4	20.5	11.9	20.0	45.3	120.3	65.6	28.3	4.2
Dry holes.....	do.....	6,422.6	683.7	224.9	353.3	203.0	351.8	905.4	1,734.3	1,558.5	323.5	84.1
Oil.....	do.....	3,354.6	(D)	151.1	217.8	134.8	242.6	415.7	853.1	899.9	165.6	(D)
Gas.....	do.....	396.0	(D)	18.7	30.5	11.8	36.8	46.3	76.4	119.6	22.6	(D)
Work-in-progress adjustment.....	do.....	1,391.6	58.3	49.6	99.5	43.7	81.5	207.5	329.6	405.1	83.0	33.8
Lease equipment.....	do.....	1,122.3	109.2	67.8	79.0	75.0	103.2	109.7	253.2	266.3	48.0	10.8
Lease and land acquisitions of producing acreage.....	do.....	444.9	29.5	14.9	8.9	4.3	21.1	52.1	194.0	108.9	12.0	-8.8
Other development expenditures, including direct overhead.....	do.....	1,499.6	60.9	30.1	63.2	22.6	45.9	348.8	483.6	335.9	89.5	19.0
General and administrative overhead not reported elsewhere.....	do.....	303.4	8.8		42.0			7.3		29.4	15.9	(D)
Production expenditures.....	do.....	928.9	(D)	15.7	14.1	36.8	40.8	54.7	325.5	222.6	30.5	8.8
Direct operating expenditures	do.....	336.1	10.8	28.1	16.3	8.7	22.6	79.0	72.1	70.7	22.0	5.9
Operating and maintenance	do.....	6,825.8	74.8	60.7	139.6	125.5	285.9	706.2	1,934.8	2,314.5	683.4	500.6
Workovers.....	do.....	3,952.9	44.0	38.4	88.9	76.7	169.1	399.7	999.9	1,421.6	403.8	310.9
Other direct expenses.....	do.....	3,140.0	38.6	33.7	73.0	65.1	140.7	315.7	792.5	1,099.7	315.2	265.8
Indirect operating expenditures	do.....	530.5	4.1	4.7	13.5	7.7	28.4	27.3	207.4	230.6	44.6	31.0
Taxes (excluding income taxes).....	do.....	282.4	1.3		2.3	3.9		56.7		91.3	43.9	14.1
General and administration overhead.....	do.....	2,872.8	30.8	22.3	50.7	48.8	116.8	306.6	934.8	892.9	279.6	189.7
Other indirect expenses.....	do.....	1,746.1	21.3	13.8	34.8	30.2	75.2	175.4	569.5	623.1	143.7	59.0
Gross book value of fixed assets.....	do.....	768.8	6.4	8.5	15.9	15.7	37.4	93.5	173.4	240.9	77.5	101.1
Oil and gas field properties.....	do.....	358.0	3.0			2.8	4.3	37.6	191.9	28.9	58.5	29.5
Nonproducing properties.....	do.....	72,289.8	3,679.5	1,737.5	2,331.7	1,925.9	3,759.7	8,875.2	19,767.7	24,117.3	3,952.8	2,142.5
Producing properties.....	do.....	70,654.8	3,656.7	1,627.6	2,262.2	1,882.8	3,656.3	8,679.2	19,381.7	23,670.2	3,824.0	2,014.2
Work-in-progress.....	do.....	12,894.8	1,179.1	359.3	624.0	305.0	966.4	1,209.0	3,181.8	4,270.2	693.0	106.8
Buildings, other structures, and machinery.....	do.....	53,846.4	1,232.2	1,201.4	1,568.6	1,529.4	2,580.4	6,654.3	15,324.4	18,770.3	3,085.3	1,899.8
	do.....	3,913.6	1,245.5	66.3	69.6	48.4	109.5	815.9	875.4	629.7	45.7	7.5
	do.....	1,634.9	22.8	109.9	69.5	43.1	103.4	196.0	386.0	447.1	128.9	128.3

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 includes prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 11.--DETAILED STATISTICS GROUPED BY OIL LEASE SPECIALIZATION RATIOS: 1975

(Net company interest basis)													
Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>										
			.000	.001-.099	.100-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.699	.700-.799	.800-1.000	
Sales volumes:													
Crude petroleum and condensate	Mil. bbl...	2,414.0	45.5	38.4	81.5	39.0	81.2	544.2	352.3	617.0	335.9	279.0	
From stripper well leases...	....do....	243.8	4.3	3.6	10.1	3.9	7.2	32.1	24.7	34.9	38.2	84.8	
Lease condensate.....	....do....	116.5	1.0	6.4	9.0	4.2	11.7	29.4	16.9	25.7	8.7	3.6	
Natural gas.....	Bil. cu. ft	16,138.3	378.8	1,091.0	1,038.8	637.7	988.9	4,320.6	2,301.9	3,372.3	1,356.5	651.9	
Lease revenues:													
Crude petroleum and condensate	Mil. dol...	26,237.5	666.6	851.7	1,227.6	631.5	1,086.6	6,190.9	3,599.1	6,184.5	3,053.0	2,746.0	
Crude petroleum and condensate.....	....do....	18,142.2	411.8	289.9	643.2	305.6	584.7	4,131.6	2,559.5	4,482.9	2,412.6	2,320.3	
Crude petroleum.....	....do....	17,250.9	404.8	240.0	556.9	269.5	501.5	3,896.2	2,430.7	4,308.0	2,349.4	2,294.0	
Lease condensate.....	....do....	891.2	7.0	50.0	86.3	36.2	83.2	235.4	128.8	174.9	63.2	26.3	
Natural gas.....	....do....	7,240.9	170.8	540.3	525.3	279.3	402.9	1,959.3	983.9	1,516.3	563.4	299.4	
Income received from oil and gas royalties.....	....do....	767.3	84.0	17.5	53.7	39.8	93.0	97.0	55.7	163.6	74.6	108.3	
Other lease revenues from producing operations.....	....do....	87.1		4.1	5.3	6.7	6.0	3.0		21.7	2.4	18.1	
Expenditures (capitalized and expensed):													
Exploration expenditures.....	....do....	18,558.7	560.1	923.0	961.7	752.9	813.4	3,575.0	2,547.6	4,116.8	2,082.9	2,225.5	
Drilling and equipping wells <sup>2</sup>	....do....	5,310.3	227.9	358.1	391.6	296.3	287.3	800.6	839.5	1,093.7	571.0	444.3	
Dry holes.....	....do....	2,124.2	115.9	180.3	217.4	138.7	118.4	274.2	255.9	347.6	203.5	272.1	
Oil.....	....do....	1,147.9	58.4	103.3	127.6	64.6	70.9	165.6	147.8	187.4	98.4	123.7	
Gas.....	....do....	287.3	10.3	11.4	11.8	25.1	17.3	22.1	44.8	36.2	31.3	77.0	
Work-in-progress adjustment.....	....do....	511.6	29.8	61.5	61.2	45.9	16.3	58.1	48.0	67.9	70.6	52.2	
Lease and land acquisitions of nonproducing acreage.....	....do....	177.5	17.4	4.1	16.8	3.1	13.9	28.3	15.3	56.1	3.1	19.2	
Land department, leasing and scouting.....	....do....	1,614.5	54.7	100.0	74.8	92.0	75.8	273.1	314.0	373.8	174.0	82.3	
Geological and geophysical.....	....do....	113.4	(D)	8.2	46.0	4.2	15.1	20.6	13.4	18.0	11.5	8.8	
Lease rents.....	....do....	652.8	26.7	27.0		(D)	29.1	119.5	132.0	165.4	65.8	30.6	
Test hole contributions.....	....do....	204.7	9.7	18.3	17.3	13.8	12.7	23.2	21.9	48.0	19.2	20.6	
Other exploration expenditures, including direct overhead.....	....do....	16.9	(D)	1.6	2.4	(D)	2	1.7	1.3	6.0	1.0	2.1	
General and administrative overhead not reported elsewhere.....	....do....	242.0	1.3	8.6	9.1	8.7	11.6	35.0	34.0	58.3	61.4	14.0	
Development expenditures.....	....do....	341.7	13.5	14.2	24.5	19.9	24.4	53.4	66.9	76.4	34.6	13.8	
Drilling and equipping wells <sup>2</sup>	....do....	6,422.6	171.2	351.1	295.1	276.9	254.4	1,235.1	715.6	1,533.6	657.7	931.9	
Dry holes.....	....do....	3,354.6	127.4	269.1	192.5	185.4	178.8	525.3	440.1	723.3	393.5	319.3	
Oil.....	....do....	396.0	10.3	38.6	19.6	31.1	23.9	55.0	(D)	72.8	(D)	38.6	
Gas.....	....do....	1,391.6	42.5	58.4	56.1	70.4	70.2	257.3	169.3	287.5	185.0	194.9	
Work-in-progress adjustment.....	....do....	1,122.3	70.7	147.9	93.2	81.3	66.4	157.3	144.1	206.3	104.2	50.8	
Lease equipment.....	....do....	444.9	3.9	24.3	23.7	2.7	18.3	55.6	(D)	156.7	(D)	34.9	
Lease and land acquisitions of producing acreage.....	....do....	1,499.6	33.5	55.8	43.1	44.0	51.8	427.0	119.4	465.1	121.4	138.4	
Other development expenditures, including direct overhead.....	....do....	303.4	4.7	4.8	14.2	17.5	2.5	(D)	10.0	152.0	29.5	455.2	
General and administrative overhead not reported elsewhere.....	....do....	928.9		3.8	22.6		11.8	175.4	146.2	105.5	95.7		
Production expenditures.....	....do....	336.1	5.6	17.6	22.6	30.0	9.4	(D)		87.6	17.6	19.0	
Direct operating expenditures.....	....do....	6,825.8	161.0	213.7	275.0	179.7	271.6	1,539.2	992.5	1,489.5	854.2	849.3	
Operating and maintenance.....	....do....	3,952.9	84.3	116.8	160.7	94.4	163.1	740.4	626.6	836.4	545.7	584.6	
Workovers.....	....do....	3,140.0	75.6	98.9	128.7	73.4	136.2	560.3	452.2	709.9	426.7	477.9	
Other direct expenses.....	....do....	530.5	6.6	16.2	16.2	12.0	16.9	180.1	80.9	126.4	61.3	59.6	
Indirect operating expenditures.....	....do....	282.4	2.1	1.6	15.9	8.9	9.9	93.5	93.5	57.7	47.0		
Taxes (excluding income taxes).....	....do....	2,872.8	76.7	97.0	114.3	85.4	108.6	798.8	365.9	653.1	308.4	264.8	
General and administration overhead.....	....do....	1,746.1	38.9	50.8	74.5	41.3	69.8	459.9	234.7	428.2	209.7	138.1	
Other indirect expenses.....	....do....	768.8	21.8	29.6	37.9	34.3	30.7	339.0	131.1	171.8	82.3	98.2	
Gross book value of fixed assets.....	....do....	358.0	16.0	16.5	1.9	9.8	8.0			53.1	16.4	28.4	
Oil and gas field properties.....	....do....	72,289.8	2,067.9	3,886.9	3,739.9	2,334.2	3,625.9	13,152.6	9,900.1	17,887.1	9,337.3	6,357.9	
Nonproducing properties.....	....do....	70,654.8	1,978.1	3,827.7	3,672.2	2,230.2	3,513.8	(D)	9,660.8	17,610.8	9,200.2	(D)	
Producing properties.....	....do....	12,894.8	569.4	998.7	948.3	587.0	398.7	2,623.1	1,596.0	3,093.2	1,338.7	741.6	
Work-in-progress.....	....do....	53,846.4	1,280.1	2,641.0	2,603.0	1,584.2	2,579.4	9,559.8	7,779.8	13,852.3	7,303.6	4,663.2	
Buildings, other structures, and machinery.....	....do....	3,913.6	128.6	188.1	120.8	59.0	535.8	(D)	285.0	665.3	557.9	(D)	
	....do....	1,634.9	89.8	59.2	67.7	104.0	112.1	(D)	239.2	276.2	137.2	(D)	

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>D Withheld to avoid disclosing figures for individual companies.<sup>2</sup>Oil lease specialization ratios were derived by dividing the sum of total liquid and gas revenues from oil leases by the sum of total liquid and gas revenues from all leases.<sup>3</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 12.--DETAILED STATISTICS GROUPED BY GAS LEASE SPECIALIZATION RATIOS: 1975

(Net company interest basis)												
Item	Unit of measure	Total United States	Company statistics grouped by selected size class <sup>1</sup>									
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.499	.500-.699	.700-.899	.900-1.000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,414.0	246.9	162.5	840.1	425.0	461.8	100.4	104.5	47.8	18.9	6.1
From stripper well leases...	do.....	243.8	78.8	18.5	56.4	30.1	25.8	14.5	10.8	6.4	1.9	.7
Lease condensate.....	do.....	116.5	1.4	5.1	31.1	17.6	23.8	5.3	14.2	8.1	6.1	3.9
Natural gas.....	Bil. cu. ft	16,138.3	552.1	714.9	4,175.0	2,286.6	3,370.8	952.1	1,444.0	1,238.6	760.4	643.8
Lease revenues:												
Crude petroleum and condensate.....	Mil. dol...	26,237.5	2,559.0	1,421.1	8,299.0	4,278.7	4,987.0	1,231.8	1,577.6	874.7	621.9	386.7
Crude petroleum and condensate.....	do.....	18,142.2	2,085.1	1,120.7	6,257.0	3,156.3	3,306.0	805.5	845.8	374.2	151.4	40.4
Crude petroleum.....	do.....	17,250.9	2,074.4	1,084.2	6,017.5	3,039.5	3,129.9	758.1	728.6	314.2	93.4	11.2
Lease condensate.....	do.....	891.2	10.7	36.4	239.4	116.9	176.0	47.4	117.2	60.0	58.0	29.2
Natural gas.....	do.....	7,240.9	275.4	263.9	1,871.0	1,003.5	1,601.9	381.9	603.8	465.9	436.3	337.2
Income received from oil and gas royalties.....	do.....	767.3	179.3	29.0	165.4	105.6	71.0	30.0	121.5	29.6	27.1	8.8
Other lease revenues from producing operations.....	do.....	87.1	19.2	7.5	5.6	13.2	8.1	14.5	6.5	5.0	7.1	.4
Expenditures (capitalized and expensed):												
Exploration expenditures.....	do.....	18,558.7	1,839.9	1,031.3	5,438.0	3,215.8	2,660.1	867.4	1,462.1	932.6	624.4	487.2
Drilling and equipping wells <sup>2</sup> .....	do.....	5,310.3	517.3	353.5	1,301.5	824.5	657.3	282.0	550.5	331.5	272.2	219.8
Dry holes.....	do.....	2,124.2	292.9	148.6	376.4	255.1	224.5	134.6	243.7	168.2	146.1	134.2
Oil.....	do.....	1,147.9	151.8	82.1	213.4	135.2	133.5	61.6	122.7	110.9	78.0	58.8
Gas.....	do.....	287.3	79.2	16.7	50.8	21.1	18.1	24.0	42.1	17.5	13.4	4.6
Work-in-progress adjustment.....	do.....	511.6	44.6	33.6	70.9	55.3	40.1	42.6	69.0	45.9	56.5	53.2
Lease and land acquisitions of nonproducing acreage.....	do.....	177.5	17.3	16.3	41.2	43.5	32.8	6.4	9.9	-6.0	-1.7	17.7
Land department, leasing and scouting.....	do.....	177.5	17.3	16.3	41.2	43.5	32.8	6.4	9.9	-6.0	-1.7	17.7
Geological and geophysical.....	do.....	1,614.5	83.9	96.5	502.6	296.6	200.5	57.8	180.1	78.6	65.7	52.5
Lease rents.....	do.....	113.4	22.5	9.1	23.5	(D)	17.6	(D)	6.2	5.8	6.9	(D)
Test hole contributions.....	do.....	652.8	32.7	52.4	233.5	117.0	106.3	29.0	26.3	29.3	15.0	11.4
Other exploration expenditures, including direct overhead.....	do.....	204.7	20.4	12.7	39.8	39.3	19.7	12.9	19.2	17.4	13.6	9.7
General and administrative overhead not reported elsewhere.....	do.....	16.9	.9		1.8	(D)	1.6	.5	1.2	.6	1.4	(D)
Development expenditures:				9.1								
Drilling and equipping wells <sup>2</sup> .....	do.....	242.0	40.2		25.0	50.8	52.1	(D)	17.2	13.4	9.6	2.4
Dry holes.....	do.....	341.7	23.8	25.1	99.0	52.3	34.9	13.2	56.6	18.2	14.1	4.6
Oil.....	do.....	6,422.6	552.5	284.2	1,857.2	1,317.6	975.8	245.0	501.1	339.2	200.9	149.1
Gas.....	do.....	3,354.6	333.1	182.5	880.9	551.6	420.0	156.7	324.5	211.1	170.8	123.3
Work-in-progress adjustment.....	do.....	396.0	(D)	14.5	91.8	47.6	54.1	(D)	40.7	37.8	31.1	16.5
Lease equipment.....	do.....	1,391.6	221.4	74.6	447.6	208.1	146.1	70.5	120.4	72.6	22.7	7.6
Lease and land acquisitions of producing acreage.....	do.....	1,122.3	70.0	58.2	187.8	156.5	149.0	56.7	152.5	96.5	108.6	86.5
Other development expenditures, including direct overhead.....	do.....	444.9	(D)	35.2	153.7	139.5	70.9	(D)	10.9	4.2	8.4	12.7
General and administrative overhead not reported elsewhere.....	do.....	1,499.6	124.7	34.1	540.8	194.2	376.6	36.0	87.2	74.7	13.8	17.5
Production expenditures:				5.2	68.3		5.8	25.1	38.2		1.8	1.2
Direct operating expenditures.....	do.....	303.4										
Operating and maintenance.....	do.....	928.9	54.3	49.1	242.2	551.9	119.4	15.5	15.1	32.8	3.2	3.3
Workovers.....	do.....	336.1	40.4	13.2	125.0	19.9	54.1	11.6	36.1	20.7	11.3	3.8
Other direct expenses.....	do.....	6,825.8	770.1	393.5	2,279.2	1,073.7	1,026.9	340.4	410.5	261.9	151.2	118.2
Indirect operating expenditures.....	do.....	3,952.9	510.9	250.0	1,345.5	619.3	516.0	212.0	212.9	148.7	78.6	58.9
Taxes (excluding income taxes).....	do.....	3,140.0	410.9	202.9	999.8	531.7	406.6	170.7	183.1	120.6	60.9	52.7
General and administration overhead.....	do.....	530.5	49.7	24.6	220.3	78.0			27.4	12.2	12.8	4.1
Other indirect expenses ..	do.....	282.4	50.2	22.5	125.4	9.6	109.5	41.3	2.5	15.8	4.9	2.1
Gross book value of fixed assets:												
Oil and gas field properties.....	do.....	2,872.8	259.2	143.5	933.7	454.4	510.9	128.4	197.5	113.2	72.6	59.3
Nonproducing properties.....	do.....	1,746.1	137.1	84.9	616.5	290.7	328.0	85.0	78.1	64.0	44.1	17.7
Producing properties.....	do.....	768.8	93.1	58.6	250.7	113.4	182.9	41.5	75.0	32.4	26.5	24.3
Work-in-progress.....	do.....	358.0	29.0		66.6	50.2		1.9	44.5	17.0	2.0	17.3
Buildings, other structures, and machinery.....	do.....	72,289.8	5,671.7	3,694.1	21,698.2	12,890.6	11,885.3	3,270.9	6,068.3	3,083.2	2,294.9	1,732.6
Oil and gas field properties.....	do.....	70,654.8	5,365.3	3,612.2	21,216.2	12,754.8	11,735.7	3,187.6	5,871.9	2,976.5	2,241.9	1,692.6
Nonproducing properties.....	do.....	12,894.8	963.9	662.2	3,250.9	2,198.3	2,177.4	550.0	1,340.7	830.5	357.2	563.7
Producing properties.....	do.....	53,846.4	3,933.8	2,892.9	17,154.8	9,640.3	8,901.9	2,551.8	3,915.4	2,045.0	1,794.6	1,016.0
Work-in-progress.....	do.....	3,913.6	467.6	57.2	810.5	916.3	656.5	85.9	615.8	101.0	90.1	112.9
Buildings, other structures, and machinery.....	do.....	1,634.9	306.4	81.9	482.0	135.9	149.6	83.2	196.4	106.7	53.0	39.9

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This ratio was derived by dividing the sum of the expenditure detail collected for offshore areas by the sum of the comparable detail for all geographic areas.

<sup>2</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.



Table 13.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE REVENUES TO TOTAL REVENUES: 1975

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			.000	.001-.099	.100-.199	.200-.299	.300-1.000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,414.0	437.3	296.6	1,060.2	314.0	305.9
From stripper well leases...	....do....	243.8	122.8	18.9	63.5	18.1	20.5
Lease condensate.....	....do....	116.5	19.6	14.2	48.5	16.6	17.6
Natural gas.....	Bil. cu. ft	16,138.3	2,955.1	2,424.3	6,668.4	1,829.5	2,261.0
Lease revenues.....	Mil. dol...	26,237.5	5,405.3	3,545.9	11,077.8	3,069.1	3,139.4
Crude petroleum and condensate.....	....do....	18,142.2	3,630.0	2,316.3	7,831.0	2,242.1	2,122.8
Crude petroleum.....	....do....	17,250.9	3,467.0	2,206.8	7,468.9	2,122.4	1,986.0
Lease condensate.....	....do....	891.2	163.0	109.5	362.2	119.8	136.8
Natural gas.....	....do....	7,240.9	1,434.5	1,111.4	2,976.9	785.5	932.6
Income received from oil and gas royalties.....	....do....	767.3	299.6	114.7	237.4	38.5	77.1
Other lease revenues from producing operations.....	....do....	87.1	41.3	3.5	32.5	2.9	6.8
Expenditures (capitalized and expensed).....	....do....	18,558.7	5,076.3	2,424.9	6,467.1	2,244.7	2,345.7
Exploration expenditures.....	....do....	5,310.3	1,543.1	713.0	1,504.1	785.0	765.1
Drilling and equipping wells <sup>1</sup>	....do....	2,124.2	913.3	281.7	428.9	233.8	266.4
Dry holes.....	....do....	1,147.9	414.9	178.4	255.2	147.6	151.8
Oil.....	....do....	287.3	171.4	23.2	35.7	26.0	31.1
Gas.....	....do....	511.6	259.7	85.0	63.3	39.4	64.2
Work-in-progress adjustment.....	....do....	177.5	67.4	-4.9	74.7	20.8	19.4
Lease and land acquisitions of nonproducing acreage.....	....do....	1,614.5	317.5	185.5	538.0	301.2	272.3
Land department, leasing and scouting.....	....do....	113.4	43.1	9.1	36.0	14.1	11.1
Geological and geophysical..	....do....	652.8	61.9	81.1	299.2	129.2	81.5
Lease rents.....	....do....	204.7	61.6	36.8	52.3	25.0	27.1
Test hole contributions.....	....do....	16.9	2.4	8.7	3.5	1.1	1.2
Other exploration expenditures, including direct overhead.....	....do....	242.0	40.5	45.6	68.3	17.0	70.7
General and administrative overhead not reported elsewhere.....	....do....	341.7	100.9	64.6	77.9	63.6	34.7
Development expenditures.....	....do....	6,422.6	1,835.8	829.9	2,323.7	643.4	789.9
Drilling and equipping wells <sup>1</sup>	....do....	3,354.6	936.7	447.8	1,088.6	388.4	493.0
Dry holes.....	....do....	396.0	139.2	56.0	108.7	32.3	59.7
Oil.....	....do....	1,391.6	404.4	167.3	490.0	143.9	186.0
Gas.....	....do....	1,122.3	366.4	183.8	273.4	114.6	184.1
Work-in-progress adjustment.....	....do....	444.9	26.7	40.8	216.4	97.7	63.3
Lease equipment.....	....do....	1,499.6	249.8	169.0	794.2	102.4	184.2
Lease and land acquisitions of producing acreage.....	....do....	303.4	127.4	(D)	32.9	7.4	(D)
Other development expenditures, including direct overhead.....	....do....	928.9	433.4	55.5	258.3	113.1	68.7
General and administrative overhead not reported elsewhere.....	....do....	336.1	88.6	(D)	149.6	32.1	(D)
Production expenditures.....	....do....	6,825.8	1,697.3	882.0	2,639.4	816.3	790.8
Direct operating expenditures	....do....	3,952.9	1,037.2	426.8	1,457.3	524.7	506.8
Operating and maintenance	....do....	3,140.0	861.2	360.1	1,148.2	376.3	394.2
Workovers.....	....do....	530.5	101.6	66.7	227.4	72.4	112.6
Other direct expenses.....	....do....	282.4	74.5		81.7	76.0	
Indirect operating expenditures.....	....do....	2,872.8	660.0	455.2	1,182.0	291.6	283.9
Taxes (excluding income taxes).....	....do....	1,746.1	302.8	251.4	794.5	198.9	198.4
General and administration overhead.....	....do....	768.8	271.1	203.9	387.4	69.1	57.3
Other indirect expenses.....	....do....	358.0	86.1			23.5	28.2
Gross book value of fixed assets.....	....do....	72,289.8	13,320.5	8,556.0	28,831.7	8,244.6	13,337.0
Oil and gas field properties.	....do....	70,654.8	12,608.7	8,454.7	28,306.0	8,070.9	13,214.5
Nonproducing properties.....	....do....	12,894.8	1,965.2	1,688.6	5,067.8	1,328.7	2,844.5
Producing properties.....	....do....	53,846.4	9,575.7	6,448.9	22,000.9	6,524.4	9,296.6
Work-in-progress.....	....do....	3,913.6	1,067.8	317.3	1,237.3	217.7	1,073.5
Buildings, other structures, and machinery.....	....do....	1,634.9	711.8	101.3	525.7	173.7	122.4

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 14.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE EXPENDITURES TO TOTAL EXPENDITURES: 1975

(Net company interest basis)							
Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>				
			.000 or neg.	.001-.199	.200-.399	.400-.599	.600-1.000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,414.0	362.7	394.2	1,478.2	130.3	48.7
From stripper well leases...	....do....	243.8	110.5	32.7	86.0	12.0	2.5
Lease condensate.....	....do....	116.5	17.5	16.7	68.6	9.0	4.7
Natural gas.....	Bil cu. ft.	16,138.3	2,743.5	2,961.1	8,852.2	1,018.4	563.1
Lease revenues.....	Mil. dol...	26,237.5	4,589.1	4,578.3	15,040.8	1,351.7	677.6
Crude petroleum and condensate.....	....do....	18,142.2	3,028.3	3,081.0	10,716.8	929.0	387.0
Crude petroleum.....	....do....	17,250.9	2,883.0	2,945.8	10,217.9	861.4	342.8
Lease condensate.....	....do....	891.2	145.3	135.2	498.9	67.6	44.3
Natural gas.....	....do....	7,240.9	1,312.8	1,318.0	3,980.9	350.5	278.7
Income received from oil and gas royalties.....	....do....	767.3	209.4	163.3	314.9	69.0	10.7
Other lease revenues from producing operations.....	....do....	87.1	38.6	16.0	28.2	3.1	1.1
Expenditures (capitalized and expensed).....	....do....	18,558.7	4,299.6	3,212.1	9,318.4	994.4	734.3
Exploration expenditures.....	....do....	5,310.3	1,210.7	944.0	2,488.8	348.1	318.6
Drilling and equipping wells <sup>2</sup> .....	....do....	2,124.2	760.8	400.9	742.7	115.8	104.0
Dry holes.....	....do....	1,147.9	345.9	219.8	451.8	62.3	68.1
Oil.....	....do....	287.3	145.6	50.1	71.1	14.5	6.2
Gas.....	....do....	511.6	218.0	130.4	129.2	19.0	15.0
Work-in-progress adjustment.....	....do....	177.5	51.4	.7	90.6	20.1	14.7
Lease and land acquisitions of nonproducing acreage....	....do....	1,614.5	211.9	217.2	913.9	138.3	133.4
Land department, leasing and scouting.....	....do....	113.4	28.0	13.5	65.3	3.2	3.5
Geological and geophysical..	....do....	652.8	40.4	107.7	459.7	26.8	18.3
Lease rents.....	....do....	204.7	54.2	49.2	82.4	14.5	7.9
Test hole contributions.....	....do....	16.9	2.2	5.2	6.1		
Other exploration expenditures, including direct overhead.....	....do....	242.0	26.7	72.5	82.9	19.6	40.3
General and administrative overhead not reported elsewhere.....	....do....	341.7	86.6	77.9	135.9	30.0	11.3
Development expenditures.....	....do....	6,422.6	1,611.8	1,082.9	3,156.1	309.7	262.2
Drilling and equipping wells <sup>2</sup> .....	....do....	3,354.6	813.9	585.1	1,580.8	188.0	186.9
Dry holes.....	....do....	396.0	126.3	72.9	166.4	14.4	16.0
Oil.....	....do....	1,391.6	349.9	234.3	645.8	98.1	63.4
Gas.....	....do....	1,122.3	319.4	226.5	442.1	59.0	75.1
Work-in-progress adjustment.....	....do....	444.9	18.2	51.3	326.4	16.5	32.5
Lease equipment.....	....do....	1,499.6	(D)	201.3	961.7	(D)	45.3
Lease and land acquisitions of producing acreage.....	....do....	303.4	85.7	176.3	38.0	3.1	.3
Other development expenditures, including direct overhead.....	....do....	928.9	(D)	75.5	392.7	(D)	15.1
General and administrative overhead not reported elsewhere.....	....do....	336.1	81.1	44.7	182.8	12.9	14.5
Production expenditures.....	....do....	6,825.8	1,477.0	1,185.1	3,673.5	336.6	153.6
Direct operating expenditures	....do....	3,952.9	897.4	619.6	2,134.4	194.3	107.2
Operating and maintenance.	....do....	3,140.0	741.0	505.2	1,648.3	157.0	88.4
Workovers.....	....do....	530.5	91.0	82.2	316.5	23.5	17.4
Other direct expenses.....	....do....	282.4	65.4	32.1	169.6	13.8	1.4
Indirect operating expenditures.....	....do....	2,872.8	579.5	565.6	1,539.1	142.3	46.4
Taxes (excluding income taxes).....	....do....	1,746.1	248.2	315.8	1,078.4	75.6	28.1
General and administration overhead.....	....do....	768.8	247.2	158.5	313.6		
Other indirect expenses ..	....do....	358.0	84.2	91.3	147.1	66.7	18.2
Gross book value of fixed assets.....	....do....	72,289.8	10,920.2	11,630.4	40,721.8	5,205.6	3,811.8
Oil and gas field properties.	....do....	70,654.8	10,246.6	11,463.0	40,038.5	5,122.0	3,784.7
Nonproducing properties....	....do....	12,894.8	1,324.2	2,246.5	7,035.5	930.6	1,357.9
Producing properties.....	....do....	53,846.4	8,035.3	8,847.8	31,414.4	3,643.1	1,905.8
Work-in-progress.....	....do....	3,913.6	887.1	368.7	1,588.7	548.2	521.1
Buildings, other structures, and machinery.....	....do....	1,634.9	673.6	167.3	683.3	83.7	27.0

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>This ratio was derived by dividing the sum of the expenditure detail collected for offshore areas by the sum of the comparable detail for all geographic areas.

<sup>2</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 15.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE ASSETS TO TOTAL ASSETS: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			.000	.001-.099	.100-.199	.200-.299	.300-1.000
Sales volumes:							
Crude petroleum and condensate	Mil. bbl...	2,414.0	365.2	49.6	40.5	641.6	1,317.1
From stripper well leases...	...do....	243.8	114.1	6.8	6.9	38.1	77.9
Lease condensate.....	...do....	116.5	17.5	3.5	1.8	28.1	65.5
Natural gas.....	Bil. cu. ft.	16,138.3	2,601.9	643.9	258.9	4,106.4	8,527.2
Lease revenues.....	Mil. dol...	26,237.5	4,588.2	736.5	479.7	6,894.6	13,538.5
Crude petroleum and condensate.....	...do....	18,142.2	3,059.0	387.9	333.3	4,898.4	9,463.7
Crude petroleum.....	...do....	17,250.9	2,914.2	361.0	318.0	4,669.4	8,988.3
Lease condensate.....	...do....	891.2	144.7	26.9	15.3	229.0	475.4
Natural gas.....	...do....	7,240.9	1,276.3	285.0	125.6	1,799.0	3,755.0
Income received from oil and gas royalties.....	...do....	767.3	214.6	62.0	19.8	178.0	293.0
Other lease revenues from producing operations.....	...do....	87.1	38.5	1.6	1.1	19.1	26.8
Expenditures (capitalized and expensed).....	...do....	18,558.7	4,313.1	670.4	384.2	4,496.2	8,694.9
Exploration expenditures.....	...do....	5,310.3	1,218.1	261.0	150.7	1,039.1	2,641.3
Drilling and equipping wells <sup>1</sup>	...do....	2,124.2	770.2	133.9	77.9	314.1	828.1
Dry holes.....	...do....	1,147.9	341.0	75.9	60.6	164.8	505.6
Oil.....	...do....	287.3	148.8	18.8	7.4	37.0	75.3
Gas.....	...do....	511.6	226.6	47.4	23.6	59.9	154.1
Work-in-progress adjustment.....	...do....	177.5	53.7	-8.1	-13.7	52.4	93.2
Lease and land acquisitions of nonproducing acreage.....	...do....	1,614.5	215.9	60.1	37.4	326.0	975.1
Land department, leasing and scouting.....	...do....	113.4	27.6	(D)	1.0	(D)	48.9
Geological and geophysical..	...do....	652.8	37.9	19.9	12.8	165.9	416.4
Lease rents.....	...do....	204.7	52.6	12.9	6.4	43.7	89.1
Test hole contributions.....	...do....	16.9	2.1	(D)		5.2	6.8
Other exploration expenditures, including direct overhead.....	...do....	242.0	26.2	11.3	8.2	(D)	142.4
General and administrative overhead not reported elsewhere.....	...do....	341.7	85.7	14.9	6.9	99.6	134.5
Development expenditures.....	...do....	6,422.6	1,614.7	234.5	98.9	1,610.0	2,864.4
Drilling and equipping wells <sup>1</sup>	...do....	3,354.6	818.1	127.7	69.4	728.9	1,610.5
Dry holes.....	...do....	396.0	126.3	20.3	14.1	71.8	163.5
Oil.....	...do....	1,391.6	351.1	37.2	25.1	368.9	609.3
Gas.....	...do....	1,122.3	317.4	67.3	34.8	193.3	509.5
Work-in-progress adjustment.....	...do....	444.9	23.4	2.9	-4.6	95.0	328.2
Lease equipment.....	...do....	1,499.6	220.3	34.8	11.3	495.7	737.5
Lease and land acquisitions of producing acreage.....	...do....	303.4	86.2	44.8	3.2	126.6	42.7
Other development expenditures, including direct overhead.....	...do....	928.9		16.2	9.3		349.6
General and administrative overhead not reported elsewhere.....	...do....	336.1	490.2	11.0	5.7	258.9	124.0
Production expenditures.....	...do....	6,825.9	1,480.2	174.8	134.5	1,847.1	3,189.2
Direct operating expenditures	...do....	3,952.9	899.2	103.0	81.6	955.4	1,913.7
Operating and maintenance.	...do....	3,140.0	737.6	87.9	72.1	728.5	1,514.0
Workovers.....	...do....	530.5	94.0			172.8	246.8
Other direct expenses.....	...do....	282.4	67.6	15.2	9.6	54.1	152.9
Indirect operating expenditures.....	...do....	2,872.8	580.9	71.8	52.9	891.7	1,275.5
Taxes (excluding income taxes).....	...do....	1,746.1	244.2	48.8	32.4	539.8	880.9
General and administration overhead.....	...do....	768.8	251.5	23.0	20.4	351.9	218.1
Other indirect expenses...	...do....	358.0	85.3				176.5
Gross book value of fixed assets.....	...do....	72,289.8	10,764.4	2,725.2	1,430.2	16,797.9	40,572.1
Oil and gas field properties.	...do....	70,654.8	10,081.7	2,688.5	1,396.8	16,401.7	40,086.1
Nonproducing properties...	...do....	12,894.8	1,210.8	372.3	265.9	2,893.5	8,152.4
Producing properties.....	...do....	53,846.4	8,003.0	2,212.8	1,073.4	12,838.5	29,718.7
Work-in-progress.....	...do....	3,913.6	867.9	103.4	57.6	669.7	2,215.0
Buildings, other structures, and machinery.....	...do....	1,634.9	682.7	36.7	33.3	396.2	486.1

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 16.--DETAILED STATISTICS GROUPED BY THE RATIO OF EXPLORATORY AND DEVELOPMENT DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPLORATION AND DEVELOPMENT EXPENDITURES: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class							
			.000	.001-.199	.200-.249	.250-.349	.350-.399	.400-.499	.500-.599	.600-1.000
Sales volumes:										
Crude petroleum and condensate	Mil. bbl...	2,414.0	35.3	18.6	16.1	475.5	344.8	891.9	366.1	265.6
From stripper well leases...	....do....	243.8	16.9	3.2	2.2	25.7	23.2	67.4	43.3	62.0
Lease condensate.....	....do....	116.5	.2	.9	1.4	19.8	13.0	42.1	19.8	19.3
Natural gas.....	Bil. cu. ft	16,138.3	226.0	114.9	80.2	3,094.3	1,348.2	6,016.3	2,757.4	2,501.0
Lease revenues.....	Mil. dol...	26,237.5	412.4	194.6	192.6	5,396.2	3,239.7	9,147.8	4,111.4	3,542.7
Crude petroleum and condensate.....	....do....	18,142.2	302.6	137.4	111.7	3,591.7	2,518.1	6,494.6	2,819.0	2,167.1
Crude petroleum.....	....do....	17,250.9	300.5	131.6	102.9	3,444.0	2,433.3	6,175.0	2,657.7	2,006.1
Lease condensate.....	....do....	891.2	2.2	5.8	8.8	147.7	84.8	319.6	161.3	161.0
Natural gas.....	....do....	7,240.9	78.7			1,644.7	642.0	2,432.2	1,149.8	1,213.7
Income received from oil and gas royalties.....	....do....	767.3	30.8	56.0	80.7	148.4	68.7	193.8	135.9	133.0
Other lease revenues from producing operations.....	....do....	87.1	.2	1.2	.2	11.5	11.1	27.2	6.7	29.0
Expenditures (capitalized and expensed).....	....do....	18,558.7	196.0	(D)	170.9	3,193.7	(D)	6,270.3	2,630.6	3,238.4
Exploration expenditures.....	....do....	5,310.3	7.1	38.5	79.6	740.7	762.4	1,717.0	735.3	1,229.8
Drilling and equipping wells <sup>1</sup>	....do....	2,124.2	-	15.5	17.3	217.8	187.4	533.7	304.0	848.4
Dry holes.....	....do....	1,147.9	-	3.9	6.9	121.0	117.2	297.2	191.0	410.8
Oil.....	....do....	287.3	-			13.4	29.1	62.4	39.1	139.3
Gas.....	....do....	511.6	-	11.6	9.5	32.2		118.0	58.7	264.7
Work-in-progress adjustment.....	....do....	177.5	-		1.0	51.3	41.1	56.1	15.2	33.7
Lease and land acquisitions of nonproducing acreage.....	....do....	1,614.5	1.3	6.3	41.0	251.1	366.0	573.1	196.6	179.2
Land department, leasing and scouting.....	....do....	113.4		3.0		22.1	20.5	30.2	16.9	20.4
Geological and geophysical..	....do....	652.8		2.4		118.0	106.1	263.1	108.5	50.7
Lease rents.....	....do....	204.7		2.7		22.0	16.5	77.7	35.6	48.9
Test hole contributions.....	....do....	16.9		(Z)		1.6	2.6	8.5	1.4	2.7
Other exploration expenditures, including direct overhead.....	....do....	242.0	5.8	1.7	21.3	57.3	12.3	101.3	36.7	28.5
General and administrative overhead not reported elsewhere.....	....do....	341.7		6.8		50.9	51.1	129.5	35.5	51.0
Development expenditures.....	....do....	6,422.6	5.7	(D)	32.2	1,258.3	(D)	2,069.2	928.9	1,044.2
Drilling and equipping wells <sup>1</sup>	....do....	3,354.6	-	37.0	1.1	380.1	332.3	1,165.2	594.0	846.1
Dry holes.....	....do....	396.0	-	1.4		56.2		141.3	71.0	124.9
Oil.....	....do....	1,391.6	-	9.5		174.1	150.2	478.2	269.9	309.6
Gas.....	....do....	1,122.3	-	2.1	4.3	89.6	82.6	352.9	193.7	397.2
Work-in-progress adjustment.....	....do....	444.9	-		18.6	159.6		192.8	59.4	14.4
Lease equipment.....	....do....	1,499.6	3.5	29.8	10.1	600.6	113.1	450.2	187.4	104.8
Lease and land acquisitions of producing acreage.....	....do....	303.4		23.7	(D)	43.7	46.1	151.7	16.2	15.7
Other development expenditures, including direct overhead.....	....do....	928.9	2.1	(D)	4.7	123.7	(D)	207.5	70.5	34.8
General and administrative overhead not reported elsewhere.....	....do....	336.1	-	4.7	2.5	110.4	20.2	94.7	60.8	42.8
Production expenditures.....	....do....	6,825.8	183.2	71.2	59.1	1,194.7	902.7	2,484.1	966.3	964.3
Direct operating expenditures	....do....	3,952.9	119.0	47.0	25.2	532.1	591.4	1,410.3	632.7	595.3
Operating and maintenance.	....do....	3,140.0	101.1	40.8	21.6	431.6	446.2	1,078.3	532.4	487.9
Workovers.....	....do....	530.5	13.6	6.2	3.6	100.5	145.1	229.1	66.8	65.8
Other direct expenses.....	....do....	282.4	4.3					102.9	33.4	41.6
Indirect operating expenditures.....	....do....	2,872.8	64.2	24.3	33.9	662.5	311.3	1,073.9	333.7	369.0
Taxes (excluding income taxes).....	....do....	1,746.1	16.2	14.3	14.3	373.2	209.7	685.6	240.0	192.9
General and administration overhead.....	....do....	768.8	41.8	7.0	19.7	289.4	67.8	297.7	93.7	133.5
Other indirect expenses...	....do....	358.0	6.2	3.0			33.7	90.6		42.7
Gross book value of fixed assets.....	....do....	72,289.8	934.8	1,351.5	545.2	10,973.4	7,935.1	27,518.6	13,112.5	9,918.8
Oil and gas field properties.	....do....	70,654.8	886.1	1,337.1	535.7	10,747.9	7,773.6	26,929.8	12,898.9	9,545.7
Nonproducing properties...	....do....	12,894.8	(D)	37.2	103.9	1,762.3	(D)	5,393.7	2,600.4	1,683.6
Producing properties.....	....do....	53,846.4	781.3	1,299.9	431.9	7,867.2	6,339.4	20,864.0	9,446.5	7,459.4
Work-in-progress.....	....do....	3,913.6	(D)			1,118.3	(D)	672.2	852.0	402.7
Buildings, other structures, and machinery.....	....do....	1,634.9	48.7	14.3	9.4	225.6	161.5	588.7	213.6	373.1

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. - Represents zero. (Z) Less than half of the unit of measurement shown (under \$500,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 17.--DETAILED STATISTICS GROUPED BY THE RATIO OF DRY HOLE EXPENDITURES TO TOTAL DRILLING AND EQUIPPING EXPENDITURES: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000-	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.399	.400-.499	.500-.699	.700-1.000
Sales volumes:												
Crude petroleum and condensate	Mil. bbl...	2,414.0	84.9	40.3	50.9	613.6	362.8	574.9	535.5	58.6	59.4	33.2
From stripper well leases...	....do....	243.8	39.9	16.1	7.9	49.4	18.6	44.9	33.1	12.4	10.8	10.5
Lease condensate.....	....do....	116.5	2.1	1.3	6.1	24.5	15.9	24.9	30.2	4.6	5.3	1.7
Natural gas.....	Bil. cu.ft.	16,138.3	633.7	196.1	841.2	3,443.7	2,203.4	2,946.5	4,421.6	364.4	859.8	227.8
Lease revenues.....												
Crude petroleum and condensate.....	Mil. dol...	26,237.5	1,062.8	500.3	805.0	6,027.3	3,787.8	5,740.9	6,281.7	745.2	869.1	417.3
Crude petroleum.....	....do....	18,142.2	744.7	370.3	399.9	4,461.9	2,668.7	4,271.1	4,024.0	462.0	471.0	268.6
Lease condensate.....	....do....	17,250.9	728.7	359.2	352.3	4,267.9	2,553.4	4,087.2	3,798.3	420.9	427.7	255.3
Natural gas.....	....do....	891.2	16.0	11.1	47.6	194.0	115.3	183.9	225.6	41.0	43.3	13.3
Income received from oil and gas royalties.....	....do....	7,240.9	242.3	112.0	342.5	1,408.6	1,021.8	1,337.9	2,079.8	234.3	340.7	121.0
Other lease revenues from producing operations.....	....do....	767.3	70.7	12.6	58.9	144.4	91.6	105.7	166.2	43.0	49.7	24.7
Expenditures (capitalized and expensed).....	....do....	87.1	5.1	5.5	3.6	12.4	5.8	26.2	11.8	5.9	7.8	3.0
Exploration expenditures.....	....do....	18,558.7	756.1	832.7	613.5	4,045.6	2,425.8	4,161.4	4,001.6	620.3	777.4	324.4
Drilling and equipping wells <sup>1</sup>	....do....	5,310.3	108.1	100.4	188.2	941.2	618.2	1,351.8	1,261.6	284.1	319.9	137.0
Dry holes.....	....do....	2,124.2	48.9	63.2	80.2	270.1	217.6	437.6	561.1	171.8	188.6	85.1
Oil.....	....do....	1,147.9	-	30.7	-	122.2	112.7	250.3	316.9	96.8	133.0	95.3
Gas.....	....do....	287.3	21.8	21.6	19.0	41.9	24.0	61.4	44.7	24.2	21.5	7.2
Work-in-progress adjustment.....	....do....	511.6	26.0	19.1	31.8	51.2	58.6	98.8	126.1	43.8	44.2	12.1
Lease and land acquisitions of nonproducing acreage.....	....do....	177.5	1.1	2.3	-	54.7	22.3	27.2	73.6	7.0	-10.1	-19.6
Land department, leasing and scouting.....	....do....	1,614.5	42.2	-	55.4	376.4	165.1	511.4	321.7	58.5	58.9	25.0
Geological and geophysical.....	....do....	113.4	.4	2.3	2.4	19.5	12.6	30.0	31.7	8.1	4.7	1.8
Lease rents.....	....do....	652.8	1.4	3.3	17.4	155.7	79.0	178.4	180.7	10.7	19.2	7.0
Test hole contributions.....	....do....	204.7	3.1	5.2	11.2	32.1	31.0	41.0	48.3	12.4	14.5	6.0
Other exploration expenditures, including direct overhead.....	....do....	16.9	2.0	-	.3	2.0	-	2.8	2.8	.9	1.5	(2)
General and administrative overhead not reported elsewhere.....	....do....	242.0	6.5	-	7.5	19.6	55.0	85.4	50.4	4.4	14.0	3.8
Development expenditures.....	....do....	341.7	27.8	2.2	13.8	65.8	57.9	65.3	64.9	17.2	18.5	8.3
Drilling and equipping wells <sup>1</sup>	....do....	6,422.6	187.3	585.2	251.7	1,521.5	856.4	1,191.1	1,407.4	158.1	204.6	59.4
Dry holes.....	....do....	3,354.6	268.3	-	187.4	775.9	449.6	738.1	688.6	89.4	124.6	32.7
Oil.....	....do....	396.0	-	6.9	10.3	69.5	46.5	80.5	96.2	19.4	46.2	20.3
Gas.....	....do....	1,391.6	67.1	78.2	84.9	419.3	167.0	278.1	222.4	37.0	31.3	6.3
Work-in-progress adjustment.....	....do....	1,122.3	93.1	-	75.0	149.8	184.6	248.2	268.6	34.7	52.2	15.9
Lease equipment.....	....do....	444.9	-3.2	26.1	17.2	137.2	51.4	131.4	101.4	-1.7	-5.1	-9.8
Lease and land acquisitions of producing acreage.....	....do....	1,499.6	29.9	53.4	42.7	413.9	176.9	238.4	451.0	24.5	53.5	15.3
Other development expenditures, including direct overhead.....	....do....	303.4	(D)	3.5	11.3	36.4	200.5	23.1	64.1	12.3	5.9	2.1
General and administrative overhead not reported elsewhere.....	....do....	928.9	11.5	(D)	-	182.9	-	148.5	130.6	5.8	9.3	6.1
Production expenditures.....	....do....	336.1	17.1	10.5	10.2	112.4	29.4	42.9	73.0	26.2	11.2	3.1
Direct operating expenditures	....do....	6,825.8	460.7	147.2	173.6	1,582.9	951.2	1,618.4	1,332.7	178.1	253.0	128.0
Operating and maintenance	....do....	3,952.9	264.8	92.2	114.7	905.7	485.0	1,081.9	683.3	105.7	141.7	78.0
Well workovers.....	....do....	3,140.0	221.3	80.5	99.9	715.1	403.3	816.9	522.8	89.8	122.5	67.9
Other direct expenses.....	....do....	530.5	32.7	7.6	14.5	141.1	74.5	139.6	89.6	9.8	14.9	6.3
Indirect operating expenditures.....	....do....	282.4	10.8	4.1	.3	49.5	7.2	125.3	70.9	6.1	4.3	3.8
Taxes (excluding income taxes).....	....do....	2,872.8	195.9	55.0	58.9	677.2	466.2	536.6	649.4	72.4	111.2	50.1
General and administration overhead.....	....do....	1,746.1	44.3	31.1	31.0	457.8	265.3	376.8	413.7	48.2	55.9	22.0
Other indirect expenses.....	....do....	768.8	101.2	17.4	19.1	203.7	200.9	120.3	235.8	18.8	42.6	19.5
Gross book value of fixed assets.....	....do....	358.0	50.4	6.4	8.8	15.7	-	39.5	-	5.3	12.7	8.6
Oil and gas field properties.....	....do....	72,289.8	2,287.6	1,971.4	3,860.4	17,302.6	8,965.4	17,556.3	15,266.0	1,773.9	2,400.5	905.8
Nonproducing properties.....	....do....	70,654.8	2,066.3	1,903.7	3,801.8	16,907.4	8,880.1	17,244.6	14,974.2	1,659.5	2,345.7	871.6
Producing properties.....	....do....	12,894.8	252.4	127.9	626.2	2,783.4	1,639.9	3,231.4	3,247.2	295.6	527.6	163.2
Work-in-progress.....	....do....	53,846.4	1,773.0	975.8	2,684.3	13,537.3	6,963.7	13,245.4	10,908.3	1,328.9	1,738.6	691.1
Buildings, other structures, and machinery.....	....do....	3,913.6	40.9	800.0	491.3	586.6	276.5	767.8	818.7	35.0	79.4	17.4
	....do....	1,634.9	221.3	67.7	58.6	395.2	85.3	311.6	291.8	114.4	54.8	34.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 18. DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATORY DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPENDITURES: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class								
			.000	.001-.039	.040-.059	.060-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-1.000
Sales volumes:											
Crude petroleum and condensate	Mil. bbl...	2,414.0	106.6	97.1	405.1	1,374.7	156.6	72.4	63.7	58.9	78.8
From stripper well leases...	do.....	243.8	47.0	12.5	25.1	84.4	25.3	13.8	13.0	8.1	14.6
Lease condensate.....	do.....	116.5	1.6	3.2	19.0	58.3	13.6	3.9	3.9	4.9	8.2
Natural gas.....	Bil. cu.ft.	16,138.3	604.2	638.8	2,507.2	8,069.3	1,637.7	920.2	521.3	563.2	676.3
Lease revenues.....											
Crude petroleum and condensate.....	Mil. dol...	26,237.5	1,276.1	1,026.1	4,249.4	14,014.7	2,057.0	1,024.9	731.2	817.4	1,040.6
Crude petroleum.....	do.....	18,142.2	928.6	719.2	3,041.9	10,025.9	1,235.9	624.5	466.1	469.7	630.
Lease condensate.....	do.....	17,250.9	916.5	694.8	2,889.7	9,603.8	1,131.4	590.6	435.4	429.1	559.7
Natural gas.....	do.....	891.2	12.1	24.4	152.1	422.1	104.5	33.9	30.7	40.6	70.8
Income received from oil and gas royalties.....	do.....	7,240.9	287.9	265.9	1,117.1	3,607.6	730.2	353.6	214.6	322.2	341.9
Other lease revenues from producing operations.....	do.....	767.3	49.5	38.8	85.5	342.1	87.0	42.2	45.8	21.4	55.1
Expenditures (capitalized and expensed).....	do.....	87.1	10.1	2.2	5.0	39.0	4.1	4.7	4.7	4.0	13.3
Exploration expenditures.....	do.....	18,558.7	793.2	1,073.0	2,765.0	8,549.7	1,675.6	1,112.9	723.3	694.5	1,171.6
Drilling and equipping wells	do.....	5,310.3	21.8	117.8	486.5	2,385.3	546.8	418.7	290.2	324.2	719.0
Dry holes.....	do.....	2,124.2	-	27.1	130.2	655.4	216.7	194.2	161.8	187.9	550.9
Oil.....	do.....	1,147.9	-	12.2	67.5	402.1	114.4	109.9	83.1	114.8	243.8
Gas.....	do.....	287.3	-	1.9	15.8	69.2	53.2	28.7	25.4	93.1	93.1
Work-in-progress adjustment.....	do.....	511.6	-	4.0	11.3	120.8	64.3	51.7	38.8	46.5	174.2
Lease and land acquisitions of nonproducing acreage....	do.....	177.5	-	8.9	35.6	63.3	17.3	11.1	1.3	39.8	
Land department, leasing and scouting.....	do.....	1,614.5	6.1	41.1	175.1	884.2	152.1	125.1	75.8	71.3	83.7
Geological and geophysical..	do.....	113.4	1.6	6.3	13.5	49.0	12.9	6.6	5.1	11.5	7.0
Lease rents.....	do.....	652.8	1.5	18.4	97.0	381.7	69.3	31.5	16.8	18.9	17.6
Test hole contributions.....	do.....	204.7	6.1	11.7	15.9	85.8	25.0	21.4	10.2	10.4	18.1
Other exploration expenditures, including direct overhead.....	do.....	16.9	-	.3	.8	8.4	3.3	1.5	.4	-4	2.5
General and administrative overhead not reported elsewhere.....	do.....	242.0	3.6	5.7	2.9	169.4	13.7	19.9	7.7	4.2	14.9
Development expenditures.....	do.....	341.7	2.9	7.1	51.2	151.4	53.7	18.5	12.4	20.4	24.3
Drilling and equipping wells	do.....	6,422.6	265.5	683.8	1,053.8	2,841.9	535.2	414.9	232.1	183.8	211.7
Dry holes.....	do.....	3,354.6	172.3	193.8	423.7	1,509.7	340.0	280.8	142.9	152.8	138.7
Oil.....	do.....	396.0	22.7	26.7	40.3	154.5	29.6	41.1	24.2	26.7	30.2
Gas.....	do.....	1,391.6	88.0	81.4	243.5	611.3	105.5	130.1	33.4	49.4	48.9
Work-in-progress adjustment.....	do.....	1,122.3	62.6	51.6	89.2	449.6	158.9	98.0	73.6	74.7	63.9
Lease equipment.....	do.....	444.9	-1.0	34.1	50.6	294.3	46.0	11.6	11.6	2.0	-4.4
Lease and land acquisitions of producing acreage.....	do.....	1,499.6	68.0	377.1	741.5	87.8	79.0	76.7	18.0	31.3	
Other development expenditures, including direct overhead.....	do.....	303.4	5.4	483.3	145.5	159.7	26.6	6.9	1.7	8.0	
General and administrative overhead not reported elsewhere.....	do.....	928.9	8.8	325.4	35.5	30.5	3.9	3.1	8.3		
Production expenditures.....	do.....	336.1	11.0	6.7	107.5	105.6	45.4	17.7	8.6	8.3	25.4
Direct operating expenditures	do.....	6,825.8	505.9	271.4	1,224.7	3,322.4	593.6	279.3	201.0	186.5	241.0
Operating and maintenance	do.....	3,952.9	325.1	170.4	645.1	1,926.9	340.5	166.1	115.6	106.8	156.5
Workovers.....	do.....	3,140.0	255.4	152.0	483.0	1,513.2	285.2	137.8	96.1	89.6	127.8
Other direct expenses.....	do.....	530.5	36.1	18.4	162.1	260.7	25.9	18.1	12.0	12.4	21.1
Indirect operating expenditures.....	do.....	282.4	33.6	152.9	29.5	10.2	7.4	4.8	7.5		
Taxes (excluding income taxes).....	do.....	2,872.8	180.8	101.0	579.6	1,395.5	253.1	113.2	85.5	79.7	84.5
General and administration overhead.....	do.....	1,746.1	60.2	68.2	345.9	942.4	115.7	64.3	47.0	50.6	51.8
Other indirect expenses...	do.....	768.8	87.0	30.8	233.7	256.9	102.4	25.7	30.6	29.1	30.2
Gross book value of fixed assets.....	do.....	358.0	33.7	1.9	196.2	35.0	23.2	7.8	2.6		
Oil and gas field properties..	do.....	72,289.8	2,493.3	3,950.1	10,229.6	37,740.4	6,456.6	4,353.9	1,831.0	2,182.1	3,052.8
Nonproducing properties.....	do.....	70,654.8	(D)	3,893.0	(D)	37,276.5	6,214.7	4,253.0	1,761.8	2,075.6	2,924.4
Producing properties.....	do.....	12,894.8	(D)	(D)	1,659.4	6,241.8	1,481.6	1,237.1	520.8	343.1	637.3
Work-in-progress.....	do.....	53,846.4	2,058.2	2,584.9	7,807.4	29,109.4	4,548.0	2,850.1	1,139.0	1,600.9	2,148.6
Buildings, other structures, and machinery.....	do.....	3,913.6	(D)	(D)	(D)	1,925.2	185.2	165.8	101.9	131.6	138.5
	do.....	1,634.9	(D)	57.0	(D)	464.0	241.9	100.9	69.2	106.6	128.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.

Table 19. DETAILED STATISTICS FOR THE ONSHORE-LOWER 48 STATES GROUPED BY STRIPPER WELL LEASE SPECIALIZATION RATIO: 1975

(Net company interest basis)

Item	Unit of measure	Total United States	Companies grouped by selected size class											
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.799	.800-1.000		
Sales volumes:														
Crude petroleum and condensate.....	Mil. bbl...	2,037.2	581.7	872.3	342.0	38.5	52.2	27.1	26.9	9.4	23.2	64.0		
From stripper well leases...	....do....	242.2	12.0	65.2	41.4	6.5	13.1	9.3	11.5	5.1	15.9	62.1		
Lease condensate.....	....do....	88.0	27.0	39.8	12.4	3.2	2.5	1.2	.6	.2	.4	.7		
Natural gas.....	Bil. cu. ft.	12,844.5	3,950.7	4,874.4	2,251.7	497.6	337.8	218.6	146.5	65.5	85.9	415.9		
Lease revenues.....	Mil. dol...	22,403.8	6,699.8	8,891.9	3,674.5	539.2	623.4	395.6	324.0	119.7	259.5	876.1		
Crude petroleum and condensate.....	....do....	15,576.5	4,407.3	6,410.5	2,574.3	297.1	451.9	240.6	231.5	91.5	210.8	661.1		
Crude petroleum.....	....do....	14,910.2	4,198.1	6,116.8	2,479.8	272.3	431.2	231.1	226.0	90.0	208.5	656.4		
Lease condensate.....	....do....	666.3	209.1	293.7	94.5	24.8	20.7	9.5	5.5	1.5	2.4	4.7		
Natural gas.....	....do....	5,987.5	2,036.1	2,290.1	902.4	209.5	141.4	95.7	72.5	25.1	31.0	183.7		
Income received from oil and gas royalties.....	....do....	756.2	245.4	163.4	180.3	31.9	28.1	57.6	20.0	3.1	13.1	18.7		
Other lease revenues from producing operations.....	....do....	83.6	11.1	27.9	17.5	.8	2.1	1.8					4.6	12.5
Expenditures (capitalized and expensed):														
Exploration expenditures:														
Drilling and equipping wells <sup>1</sup> .....														
Dry holes.....	....do....	1,488.5	509.9	346.6	228.5	58.2	93.9	54.4	34.8	9.7	60.9	91.8		
Oil.....	....do....	744.7	286.3	165.5	118.6	33.1	40.9	24.4	14.3	6.1	20.4	35.2		
Gas.....	....do....	251.8	59.3	66.9	31.1	8.0	26.4	10.9	6.6	1.5	19.2	21.8		
Work-in-progress adjustment.....	....do....	426.8	147.3	88.4	77.1	17.2	32.4	18.2	12.9	2.3	10.2	21.0		
Lease and land acquisitions of nonproducing acreage....	....do....	65.2	17.2	25.8	1.7	-.2	-5.9	.9	1.0	-.2	11.1	13.7		
Land department, leasing and scouting.....	....do....	605.9	185.1	196.5	107.0	22.3	34.5	28.3	13.9	1.6	5.8	10.9		
Geological and geophysical.....	....do....	96.9	25.5	34.9	19.6	2.4	4.5	2.3	2.8	.6	1.7	2.6		
Lease rents.....	....do....	414.6	93.8	210.3	83.7	7.0	7.5	3.8	2.9	.8	1.8	3.0		
Test hole contributions.....	....do....	184.3	63.8	49.5	38.0	5.4	8.0	7.0	3.6	.6	1.7	6.7		
	....do....	12.6	5.2	2.9	1.7	.1	1.4	(2)	(2)	(2)	.1	1.0		
Development expenditures:														
Drilling and equipping wells <sup>1</sup> .....														
Dry holes.....	....do....	2,464.5	654.6	851.8	485.3	47.2	123.5	76.3	51.5	17.5	25.4	131.4		
Oil.....	....do....	308.9	95.6	83.4	53.2	5.7	28.1	6.8	8.4	11.4	16.4	16.4		
Gas.....	....do....	1,118.7	238.3	417.9	227.0	23.9	58.2	36.4	25.2	7.3	16.3	67.9		
Work-in-progress adjustment.....	....do....	864.9	286.3	258.0	155.3	18.2	43.4	33.9	18.6	7.4	43.9	43.9		
Lease equipment.....	....do....	172.1	34.4	92.5	49.8	-.6	-6.1	-.8	-.6	.4	3.2	3.2		
Lease and land acquisitions of producing acreage.....	....do....	757.6	213.3	290.8	105.1	18.4	32.4	21.6	9.6	11.2	8.8	46.4		
Production expenditures:	....do....	301.5	129.2	77.1	35.1	.9	39.5	6.4	1.5	11.8	11.8	11.8		
Direct operating expenditures.....														
Operating and maintenance.....	....do....	3,421.5	661.0	1,495.4	574.5	87.9	111.7	81.1	78.0	28.1	59.1	244.6		
Well workovers.....	....do....	2,757.0	518.3	1,177.0	475.7	75.9	97.7	66.3	64.4	24.4	50.3	207.2		
Other direct expenses.....	....do....	430.9	103.1	212.5	48.6	12.0	12.1	10.6	13.7	3.7	6.0	21.3		
	....do....	233.5	39.6	105.8	50.2		1.9	4.2			2.8	16.2		
Indirect operating expenditures:														
Taxes (excluding income taxes).....	....do....	1,633.5	480.3	708.0	279.6	36.7	32.8	22.7	20.4	4.7	9.5	38.8		
Other indirect expenses.....	....do....	304.5	159.9	90.0	15.8	9.7	4.5	4.7	.7	5.0	14.2	14.2		
Gross book value of fixed assets.....														
Oil and gas field properties.....	....do....	46,992.5	11,820.0	18,555.8	9,460.3	1,319.3	1,526.0	858.5	769.5	174.5	362.5	2,146.1		
Nonproducing properties.....	....do....	45,566.3	11,508.7	17,995.2	9,229.0	1,276.8	1,498.3	819.7	739.3	162.9	312.6	2,023.8		
Producing properties.....	....do....	3,668.6	1,213.7	1,000.0	688.8	(D)	209.2	120.6	(D)	(D)	28.4	190.4		
Work-in-progress.....	....do....	40,412.6	9,887.0	16,585.1	8,055.5	1,125.7	1,272.8	679.0	636.2	150.7	269.7	1,751.0		
Buildings, other structures, and machinery.....	....do....	1,485.2	408.0	410.1	484.7	(D)	16.3	20.1	(D)	(D)	14.5	82.4		
	Mil. dol...	1,426.1	311.3	560.6	231.4	42.4	27.8	38.8	30.2	11.6	49.9	122.3		

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1975. However, figures for dry holes, oil wells, and gas wells completed during 1975 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1975, minus earlier year's drilling and equipping expenditures for wells completed during 1975.





# Appendix A

PENALTY FOR FAILURE TO REPORT

DUE DATE: April 15, 1976

Form Approved OMB No. 41-R2797

FORM MA-13K  
(1-29-75)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

## 1975 ANNUAL SURVEY OF OIL AND GAS

Please complete and return  
this form as soon as possible  
after receipt to:

BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, Indiana 47130

**NOTE** - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.

If book figures are not available, carefully prepared estimates are acceptable. Complete every item.

If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

**NOTICE** - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report  
please refer to this Census File Number

PLEASE RETURN THIS COPY

Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.

### GENERAL INSTRUCTIONS

#### ▶ PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ▶ WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during 1975 is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during 1975 is required to submit data for column (m).

#### ▶ WHAT ACTIVITIES SHOULD BE REPORTED?

This report includes production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production.

#### ▶ WHAT PERIOD SHOULD REPORT COVER?

This report should cover calendar year 1975. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ▶ HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquid plants.

#### ▶ HOW SHOULD DATA BE ROUNDED?

All data entries except employment should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ▶ HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

**1. By Geographical Area - Columns (d), (e), (f), and (g)** - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore - Columns (e) and (g)** - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore - Columns (d) and (f)** - All leases not meeting the offshore criteria are classified as "onshore."

**2. By Lease Classification - Columns (h), (i), and (j)** - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases - Column (h)** - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases - Column (i)** - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases - Column (j)** - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

**3. By Operator - Columns (k) and (l)** - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties - Column (k)** - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties - Column (l)** - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ▶ HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to:



Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47130

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone		
				Area code	Number	Extension
	This report is substantially accurate and covers the period from _____ to _____					
	Name of company	Address (Number and street, city, State)		ZIP code		
	Signature of authorized person		Title		Date	

1975 ANNUAL SURVEY OF OIL AND GAS																			
Line number		Item	Unit of measure	NET COMPANY INTEREST BASIS												GROSS OPERATOR BASIS			
				TOTAL UNITED STATES	GEOGRAPHICAL AREA				LEASE CLASSIFICATION				OPERATOR						
					Alaska		Lower 48		Oil leases (b)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)						
					Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)											
				01016	01024	01032	01040	01057	01065	01073	01081	01089	01107	01115		Line number			
<b>I. SALES VOLUMES</b>																			
1		<b>A. Total crude petroleum and condensate</b>	Thousand barrels													1			
2		1. From stripper well leases (included in line 1)	Thousand barrels	02014	02022	02030	02048	02055	02063	02071	02089	02097	02105	02113		2			
3		2. Lease condensate (included in line 1)	Thousand barrels	03012	03020	03038	03046	03053		03073	03087	03095	03103	03111		3			
4		<b>B. Natural gas</b>	Million cubic feet	04010	04028	04036	04044	04051	04069	04077	04085	04093	04101	04119		4			
5		<b>II. TOTAL LEASE REVENUES</b>	Thousand dollars	05017	05025	05033	05041	05048				05090	05108			5			
6		<b>A. Total crude petroleum and condensate</b>	Thousand dollars	06015	06023	06031	06049	06056	06064	06072	06080	06098	06106	06114		6			
7		1. Crude petroleum	Thousand dollars	07013	07021	07039	07047	07054	07062		07088	07096	07104	07112		7			
8		2. Lease condensate	Thousand dollars	08011	08029	08037	08045	08052		08078	08086	08094	08102	08110		8			
9		<b>B. Natural gas</b>	Thousand dollars	09019	09027	09035	09043	09050	09068	09076	09084	09092	09100	09118		9			
10		<b>C. Income received from oil and gas royalties</b>	Thousand dollars	10017	10025	10033	10041	10058					10108			10			
11		<b>D. Other lease revenues from producing operations</b>	Thousand dollars	11015	11023	11031	11049	11056				11098	11106			11			
12		<b>III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)</b>	Thousand dollars	12013												12			
13		<b>A. Total exploration expenditures</b>	Thousand dollars	13011												13			
14		1. Total drilling and equipping wells	Thousand dollars	14019	14027	14035	14043	14050	14068	14076	14084	14092	14100	14118		14			
15		a. Dry holes	Thousand dollars	15016	15024	15032	15040	15057	15065	15073	15081	15099	15107	15115		15			
16		b. Oil wells	Thousand dollars	16014	16022	16030	16048	16055	16063		16089	16097	16105	16113		16			
17		c. Gas wells	Thousand dollars	17012	17020	17038	17046	17053		17079	17087	17095	17103	17111		17			
18		d. Work-in-progress adjustment	Thousand dollars	18010	18028	18036	18044	18051	18069	18077	18085	18093	18101	18119		18			
19		2. Lease and land acquisitions of nonproducing acreage	Thousand dollars	19018	19026	19034	19042	19059								19			
20		3. Land deplettment, leasing, and scouting	Thousand dollars	20016	20024	20032	20040	20057								20			
21		4. Geological and geophysical	Thousand dollars	21014	21022	21030	21048	21055								21			
22		5. Lease rents	Thousand dollars	22012	22020	22038	22046	22053								22			

## A-3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PLEASE COMPLETE CERTIFICATION ON PAGE 1

A. TOTAL NUMBER EMPLOYED (For the pay period including March 12) -

# Appendix A—Continued

MA-13K(I)

## 1975 ANNUAL SURVEY OF OIL AND GAS INSTRUCTIONS FOR COMPLETING FORM MA-13K

### ► I. SALES VOLUMES

► **Line 1 – Total crude petroleum and condensate** – Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (l), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

► **Line 2 – From stripper well leases (included in line 1)** – Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

► **Line 3 – Lease condensate (included in line 1)** – Report the lease condensate sales volume included in total crude petroleum and condensate.

► **Line 4 – Natural gas** – Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (l), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

### ► II. TOTAL LEASE REVENUES

► **Line 5 – Total lease revenues** – Report the totals of lines 6, 9, 10, and 11.

► **Lines 6, 7, and 8 – Crude petroleum and condensate** – Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (l), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 9 – Natural gas** – Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (l), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 10 – Income received from oil and gas royalties** – Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

► **Line 11 – Other lease revenues from producing operations** – Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

### ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

► **Line 12 – Total expenditures (capitalized and expensed)** – Report on this line the totals of lines 13, 26, and 36. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallower-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 29 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 35, and 43 depreciation may be charged for office buildings, etc. where the total cash expenditure for such facilities are not reported elsewhere.

► **Line 13 – Total exploration expenditures** – Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

► **Line 14 – Total drilling and equipping wells** – Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

### ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) – Continued

NOTE For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 15 – Dry holes** – Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping exploratory dry holes during the period. Include non-operator costs.

Instructions for lines 16 and 17 – **Oil and Gas Wells** – Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (l), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total expenditures incurred during the period, on properties which you operated, for drilling and equipping successful exploratory wells. Include non-operators costs.

► **Line 16 – Oil Wells** – Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

► **Line 17 – Gas Wells** – Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

► **Line 18 – Work-in-progress adjustment** – Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

► **Line 19 – Lease and land acquisitions of non-producing acreage** – In columns (c) through (g), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

► **Line 20 – Land department, leasing, and scouting** – In columns (c) through (g), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing and rentals which should be reported on lines 19 or 22.

► **Line 21 – Geological and geophysical** – In columns (c) through (g), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

► **Line 22 – Lease rents** – In columns (c) through (g), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures which should be reported on line 20, and advance rentals, which are actually in the nature of a bonus which should be reported on line 19.

► **Line 23 – Test hole contributions** – Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

► **Line 24 – Other exploration expenditures, including direct overhead** – Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 25 – General and administrative overhead not reported elsewhere** – Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and Research and Development (R & D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

Continued on reverse side

# Appendix A—Continued

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) – Continued

► **Line 26 – Total development expenditures** – In column (c), report the totals of lines 27, 32, 33, 34, and 35.

► **Line 27 – Total drilling and equipping wells** – Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 39. Also exclude expenditures for service wells which are to be reported on line 34. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE: For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 28 – Dry holes** – Report expenditures for casing, tubing, and well-head fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling development dry holes.

In column (m), report the total expenditures incurred on properties which you operated, for drilling and equipping development dry holes during the period. Include non-operators costs.

► **Instructions for lines 29 and 30 – Oil and Gas Wells** – Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells; expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful development wells.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping successful development wells during the period. Include non-operators costs.

► **Line 29 – Oil Wells** – Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 30 – Gas Wells** – Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 31 – Work-in-progress adjustment** – Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE: Data for lines 32, 33, and 34 are to be combined for reporting in columns (k) and (l).

► **Line 32 – Lease equipment** – Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater-treaters, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

► **Line 33 – Lease and land acquisitions of producing acreage** – Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

► **Line 34 – Other development expenditures, including direct overhead** – Report the net Company interest in all expenditures not included on lines 27, 32, or 33 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for capital equipment constructed or purchased. Include fluid injection and improved recovery programs such as gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Facilities should include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection.

Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 35 – General and administrative overhead not reported elsewhere** – Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 34. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) – Continued

► **Line 36 – Total production expenditures** – Report on this line the totals of lines 37 and 41. Do not include expenditures applicable to gas processing plants or gas systems.

► **Line 37 – Total direct operating expenditures** – Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 38, 39, and 40.

► **Line 38 – Operating and maintenance** – Report the net Company interest in normal daily operating expenses such as wages for pumpers and other field personnel directly associated with oil and gas production, production personnel transportation expenses, materials and supplies consumed, and field office expense as well as surface repair and maintenance on lease equipment such as lease tank batteries, separators, pumps, buildings, and well producing equipment. Also report all other operating and maintenance expense except workover expense which is reported on line 39.

► **Line 39 – Well workovers** – Report the net Company interest in all expenditures directly related to well workovers for the period including expensed material, contract labor, etc.

► **Line 40 – Other direct expenses** – Report the net Company interest in all other direct production expenses not included on lines 38 and 39. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)

► **Line 41 – Total indirect operating expenditures** – Report on this line the totals of lines 42, 43, and 44.

► **Line 42 – Taxes (excluding income taxes)** – Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24. Ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 34.

► **Line 43 – General and administrative overhead** – Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 37.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► **Line 44 – Other indirect expenses** – Report the net Company interest in all indirect expense—applicable to producing operations which are not included on lines 42 and 43. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

## ► IV. TOTAL GROSS BOOK VALUE OF FIXED ASSETS

► **Line 45 – Total gross book value of fixed assets** – Report your own net company interest value before depreciation and amortization of all oil and gas field assets owned at the end of year, whether operated or non-operated, excluding the value of any assets belonging to others. Enter the original or acquisition cost of the fixed assets on the books of this company. Report on this line the totals of lines 46 and 50.

► **Line 46 – Total oil and gas field properties** – Report on this line the sum of lines 47, 48, and 49.

► **Line 47 – Nonproducing properties** – Report investment in undeveloped properties held for exploration purposes.

► **Line 48 – Producing properties** – Report year-end investment in properties which are producing, including shut-in leases. Such investment should include capitalized leasehold costs, intangible development costs, and tangible lease equipment. Also report investment in related producing facilities beyond the lease which are directly related to lease production operations. Investments in items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines and storage tanks, lease gas gathering lines not part of gasoline or cycling plants, etc., should be included.

► **Line 49 – Work-in-progress** – Report data for work which would normally be capitalized as producing properties investment but is not yet completed at yearend.

► **Line 50 – Buildings, other structures, and machinery** – Report investment in exploration, development, and production facilities not included on line 46. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Exclude natural gas liquid plants, gas distribution systems, and other non-field operating activities.

## ► V – TOTAL EMPLOYMENT

► **Line 51 – Total employment** – Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are storage warehouses, garages, repair shops, research, development, and testing laboratories.

### IMPORTANT NOTE

For immediate clarification of instructions or for other reporting problems contact area code (301) 763-7170.



# Appendix B

## DESCRIPTION OF SURVEY SAMPLE

### 1975 Annual Survey of Oil and Gas

The 1972 Census of Mineral Industries (CMI) concentration listings, which arrayed companies in descending total value of shipments and receipts (TVS) order, was the universe from which the sample used for the 1975 Annual Survey of Oil and Gas was selected. The universe consisted of those companies classed as operators of crude petroleum and natural gas fields as defined by the 1972 Standard Industrial Classification (SIC) Manual. Companies selected from the crude petroleum and natural gas industry (SIC 1311) accounted for 94 percent (uninflated) of the total value of shipments and receipts of this class of companies in 1972.

In 1972, the largest 250 companies accounted for 92.7 percent of the industry's value of shipments and receipts of \$15,690.8 million. These 250 companies were selected with certainty. From the remaining group of about 5400 companies, a stratified random sample of 250 companies was selected with probabilities proportionate to the average value of shipments in each stratum. The sample was augmented by the addition of about 60 companies, including oil and gas field contractors with secondary oil and gas operating revenues of \$2 million or more, and other companies with large nonoperating working interest in oil and gas field leases.

Such companies were either identified in trade literature or by responses to a special coverage questionnaire sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate stratum weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1 Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.

2 Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.

3 Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for a few key statistics comprising the basic tabulations. Based on stratified random sampling, the variance ( $\sigma_x^2$ ) estimator used was

$$\sigma_x^2 = \sum_h [W_h (W_h - 1) \sum_i (X_{hi}^2 - \overline{X_h}^2)],$$

where

$W_h$  =  $h$ th stratum weight,

$X_{hi}$  = unweighted value for the  $i$ th company in the  $h$ th stratum,

$\overline{X_h}$  = average value of the data item for the  $h$ th stratum.

Relative standard errors ( $V_x$ ) were then obtained by the formula

$$V_x = \frac{\sigma_x}{\overline{X}},$$

where  $\overline{X}$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.





# Appendix C

## QUALIFICATIONS OF THE DATA

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

The following table contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

Table C-1. Selected Statistics and Relative Standard Error Estimates: 1975

Item	Reporting basis	
	Gross operator	Net company interest
Crude petroleum and condensate.....Mil. dol..	23,004.7	18,142.2
Natural gas.....do..	8,967.1	7,240.9
Assets.....do..	(X)	72,289.8
Exploration drilling expenditures.....do..	2,555.8	2,124.2
Development drilling expenditures.....do..	3,951.2	3,354.6
Relative standard error estimates for--		
Crude petroleum and condensate.....percent..	1	1
Natural gas.....do..	2	2
Assets.....do..	(X)	1
Exploration drilling expenditures.....do..	4	4
Development drilling expenditures.....do..	2	2

(X) Not applicable.

## Appendix C—Continued

For example, suppose an estimated total is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 included the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These

operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.

# Appendix D

## DATA ITEMS USED FOR COMPUTING RATIOS FOR DISAGGREGATIVE TABLES

(See appendix A for copy of report form and instructions)

Table number	Numerator		Denominator	
	Line number(s) on report form and instructions	Column(s) from report form	Line number(s) on report form and instructions	Column(s) from report form
6	6+9-36	c	45	c
7	12	c	5	c
8	13	c	12	c
9	26	c	12	c
10	36	c	12	c
11	7+9	h	6+9	c
12	8+9	i	6+9	c
13	5	e+g	5	c
14	14+19+20+21+22+23+27+32+33 +37+42+44	e+g	14+19+20+21+22+23+27+32+33 +37+42+44	c
15	45	e+g	45	c
16	14+27	c	13+26	c
17	15+28	c	14+27	c
18	14	c	12	c
19	2	f	1	f



## Appendix E

This appendix is a supplement to the 1973 Annual Survey of Oil and Gas publication, series MA-13K(73)-2, which contained, in addition to the survey results, an explanation of the comparability between net company interest and gross operator basis statistics and a description of the survey sample.

This supplement presents net company interest statistics for all data items collected in the survey in size groups based upon the total lease revenue rank of each company. Table 2A, in this report includes separate statistics for the four largest companies and the fifth through eighth largest. These statistics were initially published as one group. The remaining tables provide expansions of statistics from table 3 and 4 of the original publication and contain figures for groups of companies ranked by total lease revenues.

The statistics by lease classification and total lease revenue-size groups which are shown in table 4A, of this supplemental report were judged to be of enough general interest to warrant inclusion with the publication of survey results. Accordingly, such statistics are shown in table 5 of the 1974 Annual Survey of Oil and Gas publication and will be included in subsequent reports in this series.

The Bureau of Census is prohibited by law from publishing statistics that disclose information reported by individual companies. In the tables, figures are not shown for any category for which the data fail to satisfy the disclosure tests.

Information in this report was prepared at the request of and with funds from the Federal Trade Commission and the Federal Energy Administration.



Table 2A.--DETAILED STATISTICS FOR THE UNITED STATES RANKED BY TOTAL LEASE REVENUES: 1973

(Net company interest basis)

Item	Unit of measure	Total United States	Companies Ranked by total lease revenue					
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
<b>Sales volumes:</b>								
Crude petroleum and condensate.....	Mil. bbl....	2,643.1	868.7	544.9	509.0	147.2	64.1	78.2
From stripper well leases.....	.....do.....	206.7	21.7	21.3	25.1	9.8	4.7	8.6
Lease condensate.....	.....do.....	131.9	40.7	22.1	22.8	16.4	4.2	4.9
Natural gas.....	Bil. cu. ft.	18,057.3	5,945.7	2,890.3	2,998.6	1,237.2	688.2	962.1
<b>Lease revenues:</b>								
Crude petroleum and condensate.....	Mil. dol....	14,909.7	4,851.3	2,850.0	2,736.0	895.2	413.1	570.1
Crude petroleum.....	.....do.....	10,345.6	3,506.3	2,126.4	1,941.9	573.6	248.9	309.0
Crude petroleum.....	.....do.....	9,802.3	3,329.9	2,036.3	1,850.4	508.9	232.0	288.6
Lease condensate.....	.....do.....	543.2	176.4	90.1	91.5	64.7	16.8	20.4
Natural gas.....	.....do.....	4,058.8	1,269.8	674.8	671.6	296.2	147.0	247.0
Income received from oil and gas royalties....	.....do.....	438.7	112.2		107.7	21.1	16.6	12.0
Other lease revenues from producing operations.....	.....do.....	66.6	11.8		14.9	4.3	0.6	2.1
<b>Expenditures (capitalized and expensed):</b>								
Exploration expenditures.....	.....do.....	12,694.2	3,075.9	2,295.7	2,040.9	988.2	452.9	832.6
Drilling and equipping wells.....	.....do.....	5,446.2	1,099.9	1,082.6	878.6	502.9	260.2	431.1
Dry holes.....	.....do.....	944.2	126.8	85.2	90.7	39.5	52.7	113.2
Oil.....	.....do.....	557.7	75.8	71.1	66.5	21.9	27.5	61.0
Gas.....	.....do.....	113.4	7.1	8.0	6.4	2.3	2.3	7.1
Work-in-progress adjustment.....	.....do.....	194.1	24.4		17.8	6.9	8.7	31.6
Lease and land acquisitions of non-producing acreage.....	.....do.....	79.2	25.6		-0.1	8.4	14.1	13.5
Land department, leasing and scouting.....	.....do.....	76.5	14.7	9.9	14.9	11.8	4.4	2.2
Geological and geophysical.....	.....do.....	399.5	151.1	91.0	66.8	24.9	10.9	18.5
Lease rents.....	.....do.....	150.7	42.5	19.0	19.0	9.1	5.6	12.1
Test hole contributions.....	.....do.....	13.8	8.2		1.4	0.4	0.3	0.6
Other exploration expenditures, including direct overhead.....	.....do.....	106.0	37.3		22.3	7.0	2.8	13.1
General and administrative overhead not reported elsewhere.....	.....do.....	203.6	62.7	35.5	32.8	8.6	5.3	8.4
<b>Development expenditures:</b>								
Drilling and equipping wells.....	.....do.....	3,039.3	751.7	488.2	424.4	236.5	94.1	228.4
Dry holes.....	.....do.....	1,766.8	443.4	266.5	204.7	143.6	60.8	110.7
Oil.....	.....do.....	225.7	58.4	30.2	26.4	18.1	8.3	10.3
Gas.....	.....do.....	788.1	233.5	136.1	78.5	59.7	18.2	18.2
Work-in-progress adjustment.....	.....do.....	623.6	121.8	55.0	70.1	59.0	38.7	58.9
Lease equipment.....	.....do.....	129.5	29.7	45.2	29.7	6.7	-4.4	23.3
Lease and land acquisitions of producing acreage.....	.....do.....	572.2	145.8	108.9	84.3	67.3	16.5	22.6
Other development expenditures, including direct overhead.....	.....do.....	183.1	42.1		40.2	0.5	2.1	34.8
General and administrative overhead not reported elsewhere.....	.....do.....	352.5	116.4	49.9	76.4	17.2	9.9	52.3
<b>Production expenditures:</b>								
Operating and maintenance.....	.....do.....	164.6	66.9		18.8	7.9	4.8	8.0
Workovers.....	.....do.....	4,208.5	1,224.3	724.9	737.9	248.8	98.6	173.1
Other direct expenses.....	.....do.....	2,593.6	674.1	477.3	442.7	179.4	63.5	104.7
Indirect operating expenditures.....	.....do.....	2,071.2	480.7	363.5	366.8	145.3	55.1	94.6
Taxes (excluding income taxes).....	.....do.....	341.6	201.3		56.4	15.6	5.6	8.4
General and administration overhead.....	.....do.....	180.7	105.9		19.5	18.4	2.8	1.8
Other indirect expenses.....	.....do.....	1,615.0	550.2	247.6	295.2	69.4	35.1	68.4
Taxes (excluding income taxes).....	.....do.....	924.6	321.0	177.8	176.6	50.1	24.1	36.7
General and administration overhead.....	.....do.....	496.8	210.9		73.6	16.0	7.3	22.3
Other indirect expenses.....	.....do.....	193.5	88.1		45.1	3.3	3.6	9.4
<b>Gross book value of fixed assets:</b>								
Dil and gas field properties.....	.....do.....	\$55,468.7	14,609.6	11,964.8	\$9,423.1	4,279.4	1,857.2	3,195.0
Nonproducing properties.....	.....do.....	\$54,484.0	14,349.4	11,840.2	\$9,301.7	4,202.8	1,846.1	3,154.0
Producing properties.....	.....do.....	\$8,871.0	2,273.1	1,744.3	\$1,552.0	757.9	279.1	611.4
Work-in-progress.....	.....do.....	\$44,280.1	11,757.9	9,950.4	\$7,608.7	3,259.0	1,531.9	2,225.9
Buildings, other structures, and machinery..	.....do.....	\$1,332.9	318.4	145.5	\$141.0	185.9	35.1	316.7
		\$984.6	260.2	124.6	\$121.4	76.6	11.1	41.0

See footnotes at end of table.

Table 2A.--DETAILED STATISTICS FOR THE UNITED STATES RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate.....	Mil. bbl....	2,212.1	45.8	46.8	2,304.6	45.7	27.0	2,377.3	265.8
From stripper well leases.....	.....do....	91.1	3.2	4.8	99.2	7.8	5.4	112.4	94.4
Lease condensate.....	.....do....	111.2	3.6	3.5	118.4	2.4	1.3	122.0	10.0
Natural gas.....	Bil. cu. ft.	14,722.1	574.7	478.8	15,775.5	336.0	184.6	16,296.1	1,761.2
Lease revenues.....									
Crude petroleum and condensate.....	Mil. dol....	12,315.7	327.2	323.0	12,965.8	280.4	156.5	13,402.8	1,507.0
Crude petroleum.....	.....do....	8,706.1	170.7	188.7	9,065.4	187.9	104.7	9,357.9	987.6
Lease condensate.....	.....do....	8,246.2	155.3	174.1	8,575.6	177.2	99.3	8,852.2	950.1
Natural gas.....	.....do....	459.9	15.3	14.6	489.8	10.7	5.3	505.8	37.4
Income received from oil and gas royalties....	.....do....	3,306.3	129.1	114.4	3,549.8	76.1	41.6	3,667.6	391.2
Other lease revenues from producing operations.....	.....do....	269.5	26.4	17.0	312.9	8.5	9.4	330.8	107.9
Expenditures (capitalized and expensed).....	.....do....	33.8	1.0	2.9	37.7	8.0	0.8	46.5	20.1
Exploration expenditures.....	.....do....	9,686.1	401.7	403.0	10,490.8	284.0	157.6	10,932.4	1,761.8
Drilling and equipping wells <sup>1</sup> .....	.....do....	4,255.2	212.9	204.3	4,672.4	89.4	52.4	4,814.2	632.0
Dry holes.....	.....do....	508.0	45.7	58.7	612.4	36.3	28.6	677.3	267.0
Oil.....	.....do....	323.7	27.1	34.8	385.7	20.4	12.1	418.2	139.6
Gas.....	.....do....	33.4	3.2	11.8	48.5	8.7	6.2	63.4	50.0
Work-in-progress adjustment.....	.....do....	89.4	13.5	10.7	113.5	7.3	10.4	131.3	62.8
Lease and land acquisitions of non-producing acreage.....	.....do....	61.5	1.9	1.4	64.7	-0.1	-0.2	64.5	14.7
Land department, leasing and scouting.....	.....do....	2,972.1	135.7	114.2	3,222.1	36.7	11.3	3,270.1	282.0
Geological and geophysical.....	.....do....	58.0	3.5	2.7	64.2	2.3	1.9	68.3	8.1
Lease rents.....	.....do....	363.1	9.9	8.9	382.0	4.0	2.1	388.1	11.5
Test hole contributions.....	.....do....	107.3	7.4	7.4	122.1	4.5	2.2	128.9	21.9
Other exploration expenditures, including direct overhead.....	.....do....	10.9	0.3	0.4	11.6	0.1	1.2	12.9	0.9
General and administrative overhead not reported elsewhere.....	.....do....	82.5	6.1	3.4	92.0	2.0	1.2	95.2	10.9
Development expenditures.....	.....do....	153.3	4.3	8.6	166.2	3.6	3.8	173.6	30.0
Drilling and equipping wells <sup>1</sup> .....	.....do....	2,223.3	95.6	113.4	2,432.3	108.0	42.0	2,582.3	457.1
Dry holes.....	.....do....	1,229.6	56.3	71.3	1,357.3	66.6	25.2	1,449.1	317.7
Oil.....	.....do....	151.7	8.0	14.0	173.7	6.4	5.2	185.2	40.4
Gas.....	.....do....	544.2	19.7	34.3	598.2	39.3	6.8	644.3	143.9
Work-in-progress adjustment.....	.....do....	403.5	33.3	28.0	464.8	16.5	12.4	493.8	129.8
Lease equipment.....	.....do....	130.2	-4.7	-4.9	120.6	4.4	0.8	125.8	3.7
Lease and land acquisitions of producing acreage.....	.....do....	445.3	16.9	14.6	476.9	21.7	8.5	507.2	65.0
Other development expenditures, including direct overhead.....	.....do....	119.7	13.1	16.7	149.5	10.3	3.7	163.5	19.6
General and administrative overhead not reported elsewhere.....	.....do....	322.2	4.6	3.8	330.7	3.6	0.6	334.9	17.6
Production expenditures.....	.....do....	106.4	4.6	6.9	117.9	5.7	3.9	127.5	37.1
Direct operating expenditures.....	.....do....	3,207.6	93.2	85.4	3,386.2	86.7	63.1	3,535.9	672.6
Operating and maintenance.....	.....do....	1,941.7	48.6	57.8	2,048.0	58.5	37.6	2,144.1	449.5
Workovers.....	.....do....	1,505.9	38.5	50.7	1,595.2	49.1	34.3	1,678.6	392.6
Other direct expenses.....	.....do....	287.4	4.5	4.9	296.8	4.3	2.1	303.2	38.5
Indirect operating expenditures.....	.....do....	148.4	5.5	2.2	156.0	5.1	1.1	162.3	18.5
Taxes (excluding income taxes).....	.....do....	1,266.0	44.7	27.6	1,338.2	28.2	25.5	1,392.0	223.0
General and administration overhead.....	.....do....	786.2	21.7	15.7	823.7	13.2	13.2	850.1	74.5
Other indirect expenses.....	.....do....	330.2	14.3	9.9	354.3	11.1	10.1	375.6	121.2
Gross book value of fixed assets.....	.....do....	149.6	8.6	2.0	160.2	3.8	2.2	166.2	27.3
Oil and gas field properties.....	.....do....	45,329.1	1,635.7	1,575.5	48,540.2	977.1	477.5	49,994.8	5,473.8
Nonproducing properties.....	.....do....	r44,694.2	1,589.0	1,537.8	r47,821.0	938.9	457.5	r49,217.4	5,266.6
Producing properties.....	.....do....	7,217.7	293.0	401.9	7,912.7	134.6	54.6	8,101.9	769.1
Work-in-progress.....	.....do....	r36,334.0	1,260.0	1,119.3	r38,713.3	787.0	397.3	r39,897.6	4,382.5
Buildings, other structures, and machinery..	.....do....	1,142.6	35.9	16.4	1,195.0	17.3	5.6	1,217.9	115.0
	.....do....	r634.9	46.7	37.7	r719.3	38.1	20.0	r777.4	207.2

Note: Detailed figures may not add to totals because of independent rounding.

r Revised.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.



Table 3A.--DETAILED STATISTICS FOR ALASKA ONSHORE RANKED BY TOTAL LEASE REVENUES: 1973

Net company interest basis:

Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volume:									
Crude petroleum and condensate.....	Mil. bbl....	8.9	(Z)	(D)	(D)	-	-	-	8.9
From stripper well leases.....	.....do....	-	-	-	-	-	-	-	-
Lease condensate.....	.....do....	-	-	-	-	-	-	-	-
Natural gas.....	Mil. cu. ft.	(D)	(D)	(D)	(D)	-	-	-	(D)
Lease revenues:									
Crude petroleum and condensate.....	Mil. dol....	(D)	(D)	(D)	(D)	-	-	-	(D)
Crude petroleum.....	.....do....	36.1	(D)	(D)	(D)	-	-	-	36.1
Crude petroleum.....	.....do....	36.1	(D)	(D)	(D)	-	-	-	36.1
Lease condensate.....	.....do....	(Z)	-	-	(Z)	-	-	-	(Z)
Natural gas.....	.....do....	(D)	(D)	(D)	(D)	-	-	-	(D)
Income received from oil and gas royalties...	.....do....	(D)	-	-	(D)	-	-	-	(D)
Other lease revenues from producing operations.	.....do....	(D)	-	(D)	(D)	-	-	-	(D)
Expenditures (capitalized and expensed):									
Exploration expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do....	r12.3	(D)	3.4	4.1	-	(D)	-	(D)
Dry holes.....	.....do....	r14.3	(D)	7.6	4.2	-	(D)	-	(D)
Oil.....	.....do....	1.5	-	(D)	(D)	-	(D)	-	1.5
Gas.....	.....do....	0.2	-	-	(D)	-	(D)	-	.2
Work-in-progress adjustment.....	.....do....	r-3.7	(D)	(D)	(D)	-	(D)	(Z)	-3.7
Lease and land acquisition of nonproducing acreage.....	.....do....	6.7	(Z)	(D)	(D)	(Z)	-	-	6.7
Land department, leasing and scouting.....	.....do....	1.1	(D)	.5	.3	(D)	-	-	1.1
Geological and geophysical.....	.....do....	11.3	(D)	5.6	1.6	(D)	(Z)	(D)	11.3
Lease rents.....	.....do....	3.2	.8	1.1	.7	(D)	-	(D)	3.1
Test hole contributions.....	.....do....	(Z)	-	(Z)	-	-	-	-	(Z)
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do....	19.7	(D)	(D)	(D)	(Z)	-	(D)	19.7
Dry holes.....	.....do....	0.3	-	(D)	(D)	-	-	-	.3
Oil.....	.....do....	2.4	-	(D)	(D)	(Z)	-	-	2.4
Gas.....	.....do....	1.3	(D)	(D)	-	-	-	-	1.3
Work-in-progress adjustment.....	.....do....	15.8	(D)	(D)	(D)	-	-	(D)	15.8
Lease equipment.....	.....do....	7.4	(Z)	(D)	(D)	-	(D)	-	7.4
Lease and land acquisitions of producing acreage.....	.....do....	-	-	-	-	-	-	-	-
Production expenditures:									
Direct operating expenditures.....	.....do....	14.7	(D)	(D)	(D)	-	-	-	14.7
Operating and maintenance.....	.....do....	12.8	(D)	(D)	(D)	-	-	-	12.8
Workovers.....	.....do....	0.4	(Z)	(D)	(D)	-	-	-	.4
Other direct expenses.....	.....do....	1.4	(D)	(D)	(Z)	-	-	-	1.4
Indirect operating expenditures:									
Taxes excluding income taxes.....	.....do....	4.1	(D)	(D)	(D)	-	-	(D)	4.1
Other indirect expenses.....	.....do....	5.5	(D)	(D)	(D)	-	-	-	(D)
Gross book value of fixed assets:									
Oil and gas field properties.....	.....do....	r1,220.7	168.0	385.6	(D)	(D)	(D)	(D)	1,187.7
Nonproducing properties.....	.....do....	r1,189.1	(D)	(D)	238.5	(D)	(D)	(D)	1,160.7
Producing properties.....	.....do....	r582.2	(D)	142.0	178.1	(D)	(D)	(D)	563.3
Work-in-progress.....	.....do....	r324.1	20.0	232.4	57.1	(D)	-	(D)	(D)
Buildings, other structures, and machinery.	.....do....	282.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Buildings, other structures, and machinery.									
.....do....	.....do....	r31.7	(D)	(D)	(D)	(D)	(Z)	(D)	(D)

See footnotes at end of table.

Table 3A.--DETAILED STATISTICS FOR ALASKA ONSHORE RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volume:								
Crude petroleum and condensate.....	Mil. bbl....	-	-	8.9	-	-	8.9	-
From stripper well leases.....	.....do....	-	-	-	-	-	-	-
Lease condensate.....	.....do....	-	-	-	-	-	-	-
Natural gas.....	Mil. cu. ft.	-	-	(D)	-	-	(D)	-
Lease revenues.....	Mil. dol....	-	-	(D)	-	-	(D)	-
Crude petroleum and condensate.....	.....do....	-	-	36.1	-	-	36.1	-
Crude petroleum.....	.....do....	-	-	36.1	-	-	36.1	-
Lease condensate.....	.....do....	-	-	(Z)	-	-	(Z)	-
Natural gas.....	.....do....	-	-	(D)	-	-	(D)	-
Income received from oil and gas royalties...	.....do....	-	-	(D)	-	-	(D)	-
Other lease revenues from producing operations.	.....do....	-	-	(D)	-	-	(D)	-
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do....	-	(D)	12.2	-	-	12.2	(Z)
Dry holes.....	.....do....	-	(D)	14.3	-	-	14.3	(Z)
Oil.....	.....do....	-	-	1.5	-	-	1.5	(Z)
Gas.....	.....do....	-	-	.2	-	-	.2	-
Work-in-progress adjustment.....	.....do....	-	-	-3.7	-	-	-3.7	(Z)
Lease and land acquisition of nonproducing acreage.....	.....do....	(Z)	(Z)	6.7	-	-	6.7	(Z)
Land department, leasing and scouting.....	.....do....	-	(Z)	1.1	-	-	1.1	-
Geological and geophysical.....	.....do....	(Z)	(Z)	11.3	(Z)	-	11.3	(Z)
Lease rents.....	.....do....	(D)	(D)	3.2	-	(Z)	3.2	(Z)
Test hole contributions.....	.....do....	-	-	(Z)	-	-	(Z)	(Z)
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do....	-	-	19.7	-	-	19.7	(Z)
Dry holes.....	.....do....	-	-	.3	-	-	.3	-
Oil.....	.....do....	-	-	2.4	-	-	2.4	-
Gas.....	.....do....	-	-	1.3	-	-	1.3	-
Work-in-progress adjustment.....	.....do....	-	-	15.8	-	-	15.8	(Z)
Lease equipment.....	.....do....	-	-	7.4	-	-	7.4	-
Lease and land acquisitions of producing acreage.....	.....do....	-	-	-	-	-	-	-
Production expenditures:								
Direct operating expenditures.....	.....do....	-	-	14.7	-	-	14.7	-
Operating and maintenance.....	.....do....	-	-	12.8	-	-	12.8	-
Workovers.....	.....do....	-	-	.4	-	-	.4	-
Other direct expenses.....	.....do....	-	-	1.4	-	-	1.4	(Z)
Indirect operating expenditures:								
Taxes excluding income taxes.....	.....do....	-	-	4.1	-	-	4.1	-
Other indirect expenses.....	.....do....	-	-	(D)	-	-	(D)	(D)
Gross book value of fixed assets.....	.....do....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas field properties.....	.....do....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonproducing properties.....	.....do....	(D)	(D)	579.5	(D)	(D)	581.3	.9
Producing properties.....	.....do....	-	-	(D)	-	(D)	324.1	-
Work-in-progress.....	.....do....	-	-	(D)	-	-	(D)	(D)
Buildings, other structures, and machinery.	.....do....	-	-	(D)	-	-	(D)	(D)

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 3B.--DETAILED STATISTICS FOR ALASKA OFFSHORE RANKED BY TOTAL LEASE REVENUES: 1973

Net company interest basis

Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Lease volume:									
Crude petroleum and condensate.....	Mil. bbl....	54.9	(D)	(D)	(D)	(D)	-	-	54.9
From stripper well leases.....	.....do....	-	-	-	-	-	-	-	-
Lease condensate.....	.....do....	-	-	-	-	-	-	-	-
Natural gas.....	Mil. cu. ft.	(D)	(D)	(D)	(D)	-	-	-	(D)
Lease revenues.....	Mil. dol....	(D)	(D)	(D)	131.7	(D)	-	-	(D)
Crude petroleum and condensate.....	.....do....	186.9	(D)	(D)	(D)	(D)	-	-	186.9
Crude petroleum.....	.....do....	186.9	(D)	(D)	(D)	(D)	-	-	186.9
Lease condensate.....	.....do....	-	-	-	-	-	-	-	-
Natural gas.....	.....do....	(D)	(D)	(D)	(D)	-	-	-	(D)
Income received from oil and gas royalties...	.....do....	(D)	(D)	(D)	(D)	-	-	-	(D)
Other lease revenues from producing operations...	.....do....	(D)	(Z)	(D)	(D)	-	-	-	(D)
Expenditures (capitalized and expensed):									
Exploration expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do....	(Z)	-	(Z)	-	-	-	-	(Z)
Dry holes.....	.....do....	-	-	-	-	-	-	-	-
Oil.....	.....do....	(Z)	-	(Z)	-	-	-	-	(Z)
Gas.....	.....do....	-	-	-	-	-	-	-	-
Work-in-progress adjustment.....	.....do....	-	-	-	-	-	-	-	-
Lease and land acquisitions of nonproducing acreage.....	.....do....	23.5	(D)	(D)	(D)	-	-	-	23.5
Land department, leasing and scouting.....	.....do....	0.1	(D)	-	(D)	-	-	-	.1
Geological and geophysical.....	.....do....	12.7	(D)	(D)	(D)	(D)	(Z)	(D)	(D)
Lease rents.....	.....do....	0.1	(Z)	(Z)	(Z)	(D)	-	(Z)	.1
Test hole contributions.....	.....do....	-	(Z)	-	-	-	-	-	-
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do....	9.4	(D)	(D)	(D)	-	-	-	9.4
Dry holes.....	.....do....	0.9	-	(D)	(D)	-	-	-	.9
Oil.....	.....do....	8.4	.1	(D)	(D)	-	-	-	8.4
Gas.....	.....do....	-	-	-	-	-	-	-	-
Work-in-progress adjustment.....	.....do....	0.1	-	(D)	(D)	-	-	-	.1
Lease equipment.....	.....do....	3.5	.1	1.1	(D)	(D)	-	-	3.5
Lease and land acquisitions of producing acreage.....	.....do....	-	-	-	-	-	-	-	-
Production expenditures:									
Direct operating expenditures.....	.....do....	32.5	(D)	(D)	(D)	(D)	-	-	32.5
Operating and maintenance.....	.....do....	26.6	(D)	(D)	(D)	(D)	-	-	26.6
Workovers.....	.....do....	2.9	(D)	(D)	2.2	-	-	-	2.9
Other direct expenses.....	.....do....	2.9	(D)	(D)	(Z)	-	-	-	2.9
Indirect operating expenditures:									
Taxes excluding income taxes.....	.....do....	9.1	(D)	(D)	(D)	(D)	-	-	9.1
Other indirect expenses.....	.....do....	-0.3	(D)	(D)	(D)	-	-	-	-.3
Gross book value of fixed assets.....	.....do....	727.8	98.9	194.9	422.6	(D)	-	(D)	727.5
Oil and gas field properties.....	.....do....	725.6	(D)	(D)	422.6	(D)	-	(D)	725.3
Nonproducing properties.....	.....do....	144.9	(D)	28.9	(D)	(D)	-	(D)	144.6
Producing properties.....	.....do....	574.6	76.3	162.8	(D)	(D)	-	-	574.6
Work-in-progress.....	.....do....	6.0	(D)	(D)	(D)	-	-	-	6.0
Buildings, other structures, and machinery.....	.....do....	2.2	(D)	(D)	-	(D)	-	-	2.2

See footnotes at end of table.

Table 3B.--DETAILED STATISTICS FOR ALASKA OFFSHORE RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volume:								
Crude petroleum and condensate.....	Mil. bbl....	-	-	54.9	-	-	54.9	
From stripper well leases.....	.....do....	-	-	-	-	-	-	
Lease condensate.....	.....do....	-	-	-	-	-	-	
Natural gas.....	Mil. cu. ft.	-	-	(D)	-	-	(D)	
Lease revenues.....	Mil. dol....	-	-	(D)	-	-	(D)	
Crude petroleum and condensate.....	.....do....	-	-	186.9	-	-	186.9	
Crude petroleum.....	.....do....	-	-	186.9	-	-	186.9	
Lease condensate.....	.....do....	-	-	-	-	-	-	
Natural gas.....	.....do....	-	-	(D)	-	-	(D)	
Income received from oil and gas royalties...	.....do....	-	-	(D)	-	-	(D)	
Other lease revenues from producing operations.	.....do....	-	-	(D)	-	-	(D)	
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do....	-	-	(Z)	-	-	(Z)	
Dry holes.....	.....do....	-	-	-	-	-	-	
Oil.....	.....do....	-	-	(Z)	-	-	(Z)	
Gas.....	.....do....	-	-	-	-	-	-	
Work-in-progress adjustment.....	.....do....	-	-	-	-	-	-	
Lease and land acquisitions of nonproducing acreage.....	.....do....	-	-	23.5	-	-	23.5	
Land department, leasing and scouting.....	.....do....	-	-	.1	-	-	.1	
Geological and geophysical.....	.....do....	(D)	(D)	12.7	-	(Z)	12.7	
Lease rents.....	.....do....	-	-	.1	-	-	.1	
Test hole contributions.....	.....do....	-	-	-	-	-	-	
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do....	-	-	9.4	-	-	9.4	
Dry holes.....	.....do....	-	-	.9	-	-	.9	
Oil.....	.....do....	-	-	8.4	-	-	8.4	
Gas.....	.....do....	-	-	-	-	-	-	
Work-in-progress adjustment.....	.....do....	-	-	.1	-	-	.1	
Lease equipment.....	.....do....	-	-	3.5	-	-	3.5	
Lease and land acquisitions of producing acreage.....	.....do....	-	-	-	-	-	-	
Production expenditures:								
Direct operating expenditures.....	.....do....	-	-	32.5	-	-	32.5	
Operating and maintenance.....	.....do....	-	-	26.6	-	-	26.6	
Workovers.....	.....do....	-	-	2.9	-	-	2.9	
Other direct expenses.....	.....do....	-	-	2.9	-	-	2.9	
Indirect operating expenditures:								
Taxes (excluding income taxes).....	.....do....	-	-	9.1	-	-	9.1	
Other indirect expenses.....	.....do....	-	-	-3	-	-	-3	
Gross book value of fixed assets.....	.....do....	.1	.1	727.7	-	(Z)	727.8	
Oil and gas field properties.....	.....do....	.1	.1	725.5	-	(Z)	725.6	
Nonproducing properties.....	.....do....	(Z)	.1	144.8	-	(Z)	144.9	
Producing properties.....	.....do....	-	-	574.6	-	-	574.6	
Work-in-progress.....	.....do....	(Z)	-	6.0	-	-	6.0	
Buildings, other structures, and machinery.	.....do....	-	-	2.2	-	-	2.2	

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Revised.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 3C.--DETAILED STATISTICS FOR LOWER-48 ONSHORE RANKED BY TOTAL LEASE REVENUES; 1973

(Net company interest basis)

Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
<b>Sales volume:</b>									
Crude petroleum and condensate.....	Mil. bbl....	\$2,201.7	715.4	412.7	406.5	124.7	54.4	70.7	1,784.4
From stripper well leases.....	.....do....	\$204.8	21.2	21.1	(D)	9.7	4.7	(D)	89.3
Lease condensate.....	.....do....	\$99.9	31.9	14.0	17.2	10.7	3.3	3.7	80.8
Natural gas.....	Mil. cu. ft.	\$14,884.7	5,116.3	2,305.7	2,234.8	816.0	598.0	819.1	11,735.4
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>\$12,388.9</b>	<b>4,031.2</b>	<b>2,148.9</b>	<b>2,171.0</b>	<b>693.2</b>	<b>350.0</b>	<b>503.9</b>	<b>9,898.1</b>
Crude petroleum and condensate.....	.....do....	\$8,590.6	2,883.2	1,602.9	1,558.0	476.3	208.6	278.5	7,007.6
Crude petroleum.....	.....do....	\$8,186.6	2,748.5	1,546.6	1,489.0	436.8	195.9	263.0	6,679.8
Lease condensate.....	.....do....	\$403.9	134.8	56.3	69.0	39.5	12.7	15.5	327.9
Natural gas.....	.....do....	\$3,302.7	1,075.3	499.4	493.4	192.4	124.4	211.2	2,596.3
Income received from oil and gas royalties.....	.....do....	430.5	107.0		105.1	21.0	16.3	12.0	261.3
Other lease revenues from producing operations.....	.....do....	65.1	12.2		14.4	3.5	.6	2.1	32.9
<b>Expenditures (capitalized and expensed):</b>									
<b>Exploration expenditures:</b>									
Drilling and equipping wells <sup>1</sup> .....	.....do....	\$712.4	83.0	37.8	51.0	23.6	34.4	79.4	309.2
Dry holes.....	.....do....	\$385.4	41.9	27.5	33.2	11.7	16.7	43.8	174.8
Oil.....	.....do....	91.3	6.0	1.5	2.2	1.6	.8	1.6	13.7
Gas.....	.....do....	161.2	12.3	2.5	12.5	5.4	6.5	24.8	64.0
Work-in-progress adjustment.....	.....do....	\$74.5	22.9	6.3	3.1	5.0	10.5	9.0	56.7
Lease and land acquisitions of nonproducing acreage.....	.....do....	420.2	63.6	35.1	56.0	26.6	24.8	33.1	239.0
Land department, leasing and scouting.....	.....do....	71.7	14.1	9.2	14.1	10.1	3.9	2.2	53.6
Geological and geophysical.....	.....do....	298.2	124.4	61.8	43.2	19.5	7.1	13.5	269.4
Lease rents.....	.....do....	137.3	39.4	16.0	15.6	8.3	5.1	10.8	95.2
Test hole contributions.....	.....do....	13.2	8.1		1.3	.3	.3	.5	10.4
<b>Development expenditures:</b>									
Drilling and equipping wells <sup>1</sup> .....	.....do....	1,326.0	336.7	159.6	139.1	68.7	46.1	73.3	823.5
Dry holes.....	.....do....	173.2	49.1	14.3	(D)	(D)	7.2	8.2	104.4
Oil.....	.....do....	611.4	181.2	94.8	52.0	25.3	13.2	13.9	380.3
Gas.....	.....do....	478.2	99.0	30.0	47.4	29.2	29.2	44.7	279.6
Work-in-progress adjustment.....	.....do....	63.2	7.4	20.5	(D)	(D)	-3.5	6.6	59.2
Lease equipment.....	.....do....	410.8	117.2	70.6	49.6	35.5	9.6	14.7	297.2
Lease and land acquisitions of producing acreage.....	.....do....	172.8	(D)	(D)	40.2	.5	(D)	30.4	(D)
<b>Production expenditures:</b>									
Direct operating expenditures.....	.....do....	2,180.3	543.8	351.0	363.8	142.8	53.4	93.5	1,548.3
Operating and maintenance.....	.....do....	1,771.8	384.1	287.0	301.2	117.9	46.3	86.1	1,222.5
Workovers.....	.....do....	270.4	(D)	21.2	47.4	10.1	(D)	(D)	217.4
Other direct expenses.....	.....do....	138.0	(D)	42.8	15.2	15.0	(D)	(D)	108.4
<b>Indirect operating expenditures:</b>									
Taxes (excluding income taxes) <sup>1</sup> .....	.....do....	856.9	299.4	155.3	160.7	46.2	24.0	35.1	720.6
Other indirect expenses.....	.....do....	170.9	78.7		38.8	(D)	(D)	9.2	132.6
<b>Gross book value of fixed assets.....</b>	<b>.....do....</b>	<b>\$38,604.7</b>	<b>10,245.9</b>	<b>7,337.8</b>	<b>6,265.7</b>	<b>2,261.4</b>	<b>1,374.4</b>	<b>2,143.2</b>	<b>29,628.5</b>
Oil and gas field properties.....	.....do....	\$37,734.2	10,042.1	7,238.7	6,158.7	(D)	1,363.4	(D)	29,102.5
Nonproducing properties.....	.....do....	2,514.7	669.0	248.2	288.7	121.3	101.4	165.3	1,594.0
Producing properties.....	.....do....	\$34,534.9	9,173.8	6,916.9	5,771.8	2,007.5	1,232.5	1,879.3	26,981.9
Work-in-progress.....	.....do....	684.6	199.3	73.6	98.3	(D)	29.4	(D)	526.7
Buildings, other structures, and machinery.....	.....do....	\$870.4	203.8	99.1	107.0	(D)	11.1	(D)	526.1

See footnotes at end of table.

Table 3C.--DETAILED STATISTICS FOR LOWER-48 ONSHORE RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volume:								
Crude petroleum and condensate.....	Mil. bbl....	40.7	41.6	1,866.8	(D)	(D)	1,938.8	262.5
From stripper well leases.....	.....do....	3.2	4.8	97.3	7.8	5.4	110.5	94.4
Lease condensate.....	.....do....	2.9	3.0	86.7	(D)	(D)	90.2	9.8
Natural gas.....	Mil. cu. ft.	480.0	430.7	12,646.0	(D)	(D)	13,154.2	1,730.7
Lease revenues.....	Mil. dol....	280.2	289.4	10,467.6	(D)	(D)	10,899.4	1,489.3
Crude petroleum and condensate.....	.....do....	149.0	167.2	7,323.8	(D)	(D)	7,613.5	977.1
Crude petroleum.....	.....do....	136.8	154.5	6,971.1	(D)	(D)	7,245.9	940.7
Lease condensate.....	.....do....	12.2	12.7	352.7	(D)	(D)	367.6	36.3
Natural gas.....	.....do....	104.1	102.3	2,802.6	(D)	(D)	2,918.4	384.3
Income received from oil and gas royalties...	.....do....	(D)	(D)	304.7	8.5	9.4	322.6	107.9
Other lease revenues from producing operations...	.....do....	(D)	(D)	36.6	(D)	(D)	44.9	20.1
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do....	(D)	(D)	392.0	(D)	(D)	454.1	258.0
Dry holes.....	.....do....	(D)	(D)	221.8	(D)	(D)	253.1	132.3
Oil.....	.....do....	(D)	(D)	26.7	(D)	(D)	41.3	50.0
Gas.....	.....do....	10.9	8.5	83.4	(D)	(D)	99.9	61.7
Work-in-progress adjustment.....	.....do....	(D)	(D)	60.1	-1	-2	59.8	14.1
Lease and land acquisitions of nonproducing acreage.....	.....do....	36.3	30.7	306.1	(D)	(D)	334.5	85.3
Land department, leasing and scouting.....	.....do....	3.2	2.6	59.5	2.2	1.9	63.6	7.1
Geological and geophysical.....	.....do....	6.1	6.6	282.1	(D)	(D)	287.6	10.3
Lease rents.....	.....do....	7.1	7.0	109.2	4.5	2.2	115.9	21.3
Test hole contributions.....	.....do....	.2	.4	11.0	(D)	(D)	12.3	.1
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do....	48.6	61.1	933.1	(D)	(D)	1,020.5	305.3
Dry holes.....	.....do....	6.8	12.7	123.9	6.4	(D)	(D)	(D)
Oil.....	.....do....	14.0	29.1	423.3	(D)	(D)	469.1	142.2
Gas.....	.....do....	28.0	24.0	331.6	(D)	(D)	357.3	120.3
Work-in-progress adjustment.....	.....do....	-4	-4.7	54.3	(D)	(D)	(D)	(D)
Lease equipment.....	.....do....	10.3	12.0	319.5	21.6	8.4	349.5	61.3
Lease and land acquisitions of producing acreage.....	.....do....	(D)	(D)	139.9	10.2	3.7	153.8	19.3
Production expenditures:								
Direct operating expenditures.....	.....do....	42.4	49.7	1,640.4	(D)	(D)	1,735.4	445.3
Operating and maintenance.....	.....do....	34.9	43.3	1,300.8	(D)	(D)	1,383.4	388.3
Workovers.....	.....do....	(D)	(D)	(D)	(D)	2.1	232.2	38.3
Other direct expenses.....	.....do....	(D)	(D)	(D)	(D)	1.1	119.7	18.3
Indirect operating expenditures:								
Taxes (excluding income taxes).....	.....do....	(D)	(D)	756.3	(D)	(D)	782.4	74.3
Other indirect expenses.....	.....do....	(D)	(D)	137.5	3.8	2.3	143.6	27.3
Gross book value of fixed assets.....	.....do....	1,311.7	1,175.2	32,115.4	930.5	464.4	33,510.3	5,094.3
Oil and gas field properties.....	.....do....	(D)	(D)	(D)	(D)	444.5	32,842.4	4,891.3
Nonproducing properties.....	.....do....	134.6	144.5	1,873.0	(D)	(D)	2,029.8	484.3
Producing properties.....	.....do....	1,104.4	977.9	29,064.1	(D)	(D)	30,221.4	4,313.3
Work-in-progress.....	.....do....	(D)	(D)	(D)	17.3	(D)	591.2	93.3
Buildings, other structures, and machinery.....	.....do....	(D)	(D)	(D)	(D)	19.9	667.8	202.3

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Revised.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 3D.--DETAILED STATISTICS FOR LOWER-48 OFFSHORE RANKED BY TOTAL LEASE REVENUES: 1973

Net company interest basis

Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
<b>ales volume:</b>									
Crude petroleum and condensate.....	Mil. bbl....	378.0	149.0	111.6	64.0	22.1	9.7	7.5	363.9
From stripper well leases.....	.....do.....	1.9	(D)	.2	(D)	(Z)	(Z)	(D)	1.9
Lease condensate.....	.....do.....	32.0	8.8	8.1	5.6	5.8	.9	1.2	30.4
Natural gas.....	Mil. cu. ft.	3,061.1	826.1	733.1	661.5	421.3	90.3	143.0	2,875.3
<b>ease revenues.....</b>	Mil. dol....	2,280.7	805.7	622.6	419.6	200.4	63.1	66.2	2,177.5
Crude petroleum and condensate.....	.....do.....	1,532.0	609.0	446.2	253.7	95.7	40.3	30.5	1,475.5
Crude petroleum.....	.....do.....	1,392.7	567.4	412.5	231.2	70.6	36.2	25.6	1,343.5
Lease condensate.....	.....do.....	139.3	41.6	33.8	22.5	25.1	4.1	4.9	132.0
Natural gas.....	.....do.....	739.8	194.2	174.3	163.2	103.7	22.6	35.7	693.8
Income received from oil and gas royalties...	.....do.....	7.9	(D)	2.6	(D)	(D)	(D)	(Z)	7.8
Other lease revenues from producing operations.	.....do.....	1.0	(D)	-.6	(D)	(D)	(D)	(Z)	.4
<b>xpenditures (capitalized and expensed):</b>									
<b>Exploration expenditures:</b>									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	219.4	40.3	43.9	35.6	(D)	17.3	33.8	(D)
Dry holes.....	.....do.....	158.0	32.6	36.0	29.1	(D)	9.9	17.2	(D)
Oil.....	.....do.....	20.5	7.6	3.4	3.4	(D)	(D)	5.5	18.2
Gas.....	.....do.....	32.7	(D)	5.3	5.3	1.5	(D)	6.7	25.3
Work-in-progress adjustment.....	.....do.....	8.1	(D)	-2.2	3.5	(D)	(D)	4.4	8.5
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,101.6	603.1	768.2	573.1	375.0	153.5	229.9	2,702.9
Land department, leasing and scouting.....	.....do.....	3.6	(D)	.3	.5	(D)	.6	(Z)	3.2
Geological and geophysical.....	.....do.....	77.3	19.3	17.5	19.6	5.2	3.7	4.8	70.1
Lease rents.....	.....do.....	10.1	2.2	1.9	2.7	.7	.5	1.0	9.0
Test hole contributions.....	.....do.....	0.6	(D)	(D)	.1	(D)	(D)	(D)	.6
<b>Development expenditures:</b>									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	411.7	106.3	102.7	58.5	74.9	14.7	20.1	377.1
Dry holes.....	.....do.....	51.3	9.3	14.9	(D)	(D)	1.1	2.1	46.1
Oil.....	.....do.....	165.9	52.3	37.3	19.9	34.4	5.0	4.3	153.2
Gas.....	.....do.....	144.1	(D)	(D)	22.7	29.8	9.5	14.2	122.7
Work-in-progress adjustment.....	.....do.....	50.4	(D)	(D)	(D)	(D)	-.9	-.6	55.1
Lease equipment.....	.....do.....	150.5	28.5	30.6	32.0	31.5	6.8	7.9	137.2
Lease and land acquisitions of producing acreage.....	.....do.....	10.3	(Z)	(D)	-	-	-	(D)	(D)
<b>Production expenditures:</b>									
Direct operating expenditures.....	.....do.....	366.1	126.8	104.6	57.7	35.8	10.1	11.2	346.1
Operating and maintenance.....	.....do.....	260.0	93.5	59.9	46.7	26.6	8.8	8.4	244.0
Workovers.....	.....do.....	67.9	(D)	(D)	(D)	(D)	(D)	(D)	66.6
Other direct expenses.....	.....do.....	38.4	(D)	(D)	(D)	(D)	(D)	(D)	35.7
Indirect operating expenditures:									
Taxes (excluding income taxes).....	.....do.....	54.5	20.6	18.4	8.6	(D)	(D)	.8	52.4
Other indirect expenses.....	.....do.....	17.4	4.5	(D)	(D)	-	(D)	(D)	11.9
<b>oss book value of fixed assets.....</b>	.....do.....	14,915.5	4,096.8	4,046.5	2,491.3	1,892.7	481.0	777.0	13,785.3
Oil and gas field properties.....	.....do.....	14,835.1	4,050.3	(D)	2,482.0	(D)	481.0	(D)	13,705.9
Nonproducing properties.....	.....do.....	5,629.2	1,479.4	1,325.2	994.7	519.5	176.3	420.7	4,915.8
Producing properties.....	.....do.....	8,846.4	2,487.8	2,638.3	1,451.6	1,244.0	299.4	332.4	8,453.5
Work-in-progress.....	.....do.....	359.5	83.1	(D)	35.7	(D)	5.3	(D)	336.6
Buildings, other structures, and machinery.	.....do.....	80.4	46.5	(D)	9.4	(D)	-	(D)	79.4

See footnotes at end of table.

Table 3D.--DETAILED STATISTICS FOR LOWER-48 OFFSHORE RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volume:								
Crude petroleum and condensate.....	Mil. bbl....	5.0	5.1	374.0	(D)	(D)	374.6	3.3
From stripper well leases.....	.....do.....	(Z)	(Z)	1.9	-	-	1.9	(Z)
Lease condensate.....	.....do.....	.7	.4	31.6	(D)	(D)	31.7	.2
Natural gas.....	Mil. cu. ft.	94.7	48.0	3,018.0	(D)	(D)	3,030.5	30.5
Lease revenues.....	Mil. dol....	47.0	33.6	2,258.1	(D)	(D)	2,263.3	17.4
Crude petroleum and condensate.....	.....do.....	21.7	21.5	1,518.6	(D)	(D)	1,521.5	10.5
Crude petroleum.....	.....do.....	18.5	19.6	1,381.6	(D)	(D)	1,383.4	9.4
Lease condensate.....	.....do.....	3.2	1.9	137.1	(D)	(D)	138.1	1.1
Natural gas.....	.....do.....	25.0	12.1	731.0	(D)	(D)	733.0	6.9
Income received from oil and gas royalties...	.....do.....	(D)	(D)	8.0	-	-	8.0	-
Other lease revenues from producing operations...	.....do.....	(D)	(D)	.6	(D)	(D)	1.0	(Z)
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7.3	(D)	208.2	(D)	(D)	210.9	8.5
Dry holes.....	.....do.....	4.7	(D)	149.6	(D)	(D)	150.8	7.3
Oil.....	.....do.....	(D)	(D)	20.2	(D)	(D)	20.5	-
Gas.....	.....do.....	2.6	2.2	30.0	(D)	(D)	31.2	1.5
Work-in-progress adjustment.....	.....do.....	(D)	(D)	8.4	(Z)	-	8.4	(Z)
Lease and land acquisitions of nonproducing acreage.....	.....do.....	99.4	83.5	2,885.8	(D)	(D)	2,905.4	196.2
Land department, leasing and scouting.....	.....do.....	.3	.1	3.5	(Z)	(Z)	3.6	(Z)
Geological and geophysical.....	.....do.....	3.4	2.3	75.8	(D)	(D)	76.4	.9
Lease rents.....	.....do.....	.3	.4	9.6	(Z)	(Z)	9.7	.4
Test hole contributions.....	.....do.....	(Z)	-	.6	(Z)	-	.6	(Z)
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7.7	10.2	395.1	(D)	(D)	399.5	12.2
Dry holes.....	.....do.....	1.2	1.3	48.6	-	(D)	(D)	(D)
Oil.....	.....do.....	5.7	5.2	164.1	(D)	(D)	164.3	1.6
Gas.....	.....do.....	5.3	4.0	132.1	(D)	(D)	135.2	8.9
Work-in-progress adjustment.....	.....do.....	-4.5	-3	50.4	(D)	(D)	(D)	(D)
Lease equipment.....	.....do.....	6.7	2.7	146.6	(D)	(D)	146.9	3.6
Lease and land acquisitions of producing acreage.....	.....do.....	(D)	(D)	9.6	(Z)	-	9.7	.6
Production expenditures:								
Direct operating expenditures.....	.....do.....	6.2	8.1	360.5	(D)	(D)	361.6	4.5
Operating and maintenance.....	.....do.....	3.7	7.4	255.0	(D)	(D)	255.8	4.2
Workovers.....	.....do.....	(D)	(D)	(D)	(D)	-	67.6	.3
Other direct expenses.....	.....do.....	(D)	(D)	(D)	(D)	-	38.2	.2
Indirect operating expenditures:								
Taxes (excluding income taxes).....	.....do.....	(D)	(D)	54.2	(D)	(D)	54.5	(Z)
Other indirect expenses.....	.....do.....	(D)	(D)	17.4	(Z)	-	17.4	(Z)
Gross book value of fixed assets.....	.....do.....	321.9	386.1	14,493.3	46.3	11.4	14,551.0	364.4
Oil and gas field properties.....	.....do.....	(D)	(D)	(D)	(D)	11.4	14,470.9	364.3
Nonproducing properties.....	.....do.....	156.3	243.3	5,315.4	(D)	(D)	5,346.0	283.2
Producing properties.....	.....do.....	155.6	141.5	8,750.6	(D)	(D)	8,777.4	69.0
Work-in-progress.....	.....do.....	(D)	(D)	(D)	-	(D)	347.4	12.1
Buildings, other structures, and machinery...	.....do.....	(D)	(D)	(D)	(D)	-	80.2	.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

Revised.

(Z) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.



Table 4A.--DETAILED STATISTICS FOR LEASE CLASSIFICATIONS RANKED BY TOTAL LEASE REVENUES: 1973

(Net company interest basis)									
Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
PART I, OIL LEASES									
Sales volumes:									
Crude petroleum and condensate.....	Mil. bbl....	1,916.8	595.6	415.5	364.8	111.3	44.0	58.6	1,589.8
From stripper well leases.....	.....do.....	164.0	14.1	15.4	20.9	8.5	3.0	7.4	69.2
Natural gas.....	Bil. cu. ft.	1,878.0	641.4	405.2	259.4	129.9	(D)	(D)	1,540.3
Lease revenues:									
Crude petroleum and condensate.....	Mil. dol....	7,472.3	2,382.1	1,609.5	1,357.9	423.7	175.8	232.2	6,181.2
Crude petroleum.....	.....do.....	7,472.3	2,382.1	1,609.5	1,357.9	423.7	175.8	232.2	6,181.2
Natural gas.....	.....do.....	407.0	120.4	100.1	60.0	29.0	11.5	11.2	332.1
Expenditures capitalized and expensed:									
Exploration expenditures:									
Drilling and equipping wells <sup>1 2</sup> .....	.....do.....	265.6	53.5		(D)	7.7	(D)	20.3	107.4
Dry holes <sup>2</sup> .....	.....do.....	161.2	40.7		13.8	3.7	5.2	12.7	76.1
Oil.....	.....do.....	96.6	14.7		(D)	(D)	(D)	3.8	26.2
Work-in-progress adjustment <sup>2</sup> .....	.....do.....	7.8	-1.9		(D)	(D)	-4	3.9	5.1
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	740.9	184.9	165.1	83.1	50.7	14.8	18.4	516.9
Dry holes.....	.....do.....	76.5	19.3	12.5	9.3	3.2	.7	1.9	46.9
Oil.....	.....do.....	603.0	152.9	120.6	65.5	(D)	(D)	14.5	416.0
Work-in-progress adjustment.....	.....do.....	61.4	12.7	32.0	8.3	(D)	(D)	1.9	54.1
Production expenditures:									
Direct operating expenditures.....	.....do.....	1,668.5	409.0	348.0	286.7	116.3	35.0	59.4	1,254.4
Operating and maintenance.....	.....do.....	1,388.1	307.5	274.3	241.8	98.0	(D)	(D)	1,006.0
Workovers.....	.....do.....	182.0	101.5	22.8	44.9	7.6	3.3	4.5	150.7
Other direct expenses.....	.....do.....	118.4		50.9		10.6	(D)	(D)	97.7
PART II, GAS LEASES									
Sales volumes:									
Crude petroleum and condensate.....	Mil. bbl....	89.2	24.7	15.1	14.5	12.1	3.5	3.9	73.7
From stripper well leases.....	.....do.....	8.1	(D)	.8	.8	.7	(D)	.7	5.0
Lease condensate.....	.....do.....	89.2	24.7	15.1	14.5	12.1	3.5	3.9	73.7
Natural gas.....	Bil. cu. ft.	11,398.9	3,011.1	1,744.1	1,921.2	866.8	575.1	813.8	8,932.1
Lease revenues:									
Crude petroleum and condensate.....	Mil. dol....	367.1	105.2	62.0	57.5	46.8	13.8	15.8	301.1
Lease condensate.....	.....do.....	367.1	105.2	62.0	57.5	46.8	13.8	15.8	301.1
Natural gas.....	.....do.....	2,601.6	693.8	387.9	421.9	201.7	120.5	212.4	2,038.2
Expenditures capitalized and expensed:									
Exploration expenditures:									
Drilling and equipping wells <sup>1 2</sup> .....	.....do.....	418.0	49.8	20.7	41.9	17.0	30.5	72.4	232.5
Dry holes <sup>2</sup> .....	.....do.....	203.7	38.7		26.4	(D)	(D)	35.4	117.0
Gas.....	.....do.....	162.8	23.5		(D)	(D)	(D)	29.9	81.0
Work-in-progress adjustment <sup>2</sup> .....	.....do.....	51.5	9.5	-1.1	(D)	(D)	(D)	7.1	34.5
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	691.3	130.6	75.6	88.1	60.0	39.6	60.9	455.0
Dry holes.....	.....do.....	108.6	23.5	(D)	11.6	(D)	7.6	5.8	72.6
Gas.....	.....do.....	531.2	89.5	51.6	61.3	(D)	(D)	52.0	333.9
Work-in-progress adjustment.....	.....do.....	51.5	17.6	(D)	15.1	(D)	(D)	2.9	48.3
Production expenditures:									
Direct operating expenditures.....	.....do.....	415.5	79.9	41.5	59.5	40.3	12.0	34.2	267.4
Operating and maintenance.....	.....do.....	321.9	54.0	28.6	42.9	29.4	10.6	32.0	197.5
Workovers.....	.....do.....	60.8	24.8		16.6	10.9	1.4	2.0	45.4
Other direct expenses.....	.....do.....	32.8	13.9				.1		24.5
PART III, COMBINED LEASES									
Sales volumes:									
Crude petroleum and condensate.....	Mil. bbl....	637.0	248.5	114.3	129.7	23.8	16.7	15.6	548.6
From stripper well leases.....	.....do.....	34.6	(D)	5.1	3.4	.8	(D)	.7	16.9
Lease condensate.....	.....do.....	42.7	16.0	7.0	8.3	4.4	.8	1.1	37.6
Natural gas.....	Bil. cu. ft.	4,780.4	2,293.2	74.1	818.0	240.5	(D)	(D)	4,249.5
Lease revenues:									
Crude petroleum and condensate.....	Mil. dol....	2,506.1	1,019.0	454.9	526.6	103.1	59.2	61.1	2,224.0
Crude petroleum.....	.....do.....	2,330.0	947.8	426.9	492.5	85.2	56.2	56.5	2,065.2
Lease condensate.....	.....do.....	176.1	71.2	28.0	34.1	17.9	3.1	4.6	158.9
Natural gas.....	.....do.....	1,050.2	455.7	186.7	189.7	65.4	15.1	23.4	936.0
Expenditures capitalized and expensed:									
Exploration expenditures:									
Drilling and equipping wells <sup>1 2</sup> .....	.....do.....	126.8	12.8		(D)	11.3	(D)	18.3	51.6
Dry holes <sup>2</sup> .....	.....do.....	78.7	11.2		4.3	(D)	(D)	11.1	34.6
Oil.....	.....do.....	16.7	.4		(D)	(D)	(D)	3.3	7.2
Gas.....	.....do.....	31.3	1.9		(D)	(D)	(D)	1.6	8.4
Work-in-progress adjustment.....	.....do.....	0.1	-7		(D)	(D)	(D)	2.2	1.4
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	334.7	153.7		33.5	32.9	6.2	31.4	257.9
Dry holes.....	.....do.....	40.4	19.8		5.5	4.4	(Z)	2.5	32.2
Oil.....	.....do.....	185.2	96.2		13.0	(D)	(D)	3.6	128.2
Gas.....	.....do.....	92.4	35.6		8.8	(D)	(D)	6.9	69.6
Work-in-progress adjustment.....	.....do.....	16.7	2.2		6.2	(D)	(D)	18.5	27.9
Production expenditures:									
Direct operating expenditures.....	.....do.....	509.5	185.3	87.8	96.4	22.8	16.4	11.1	419.8
Operating and maintenance.....	.....do.....	381.2	119.1	60.6	82.1	17.9	(D)	(D)	302.2
Workovers.....	.....do.....	98.8	75.1		14.3	4.9	.9	2.2	91.4
Other direct expenses.....	.....do.....	29.5	18.2				(D)	(D)	26.4

See footnotes at end of table.

Table 4A.--DETAILED STATISTICS FOR LEASE CLASSIFICATIONS RANKED BY TOTAL LEASE REVENUES: 1973--Continued

(Net company interest basis)								
Item	Unit of measure	Companies ranked by total lease revenue--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
PART I, OIL LEASES								
Sales volumes								
Crude petroleum and condensate.....	Mill. bbl....	23.5	28.8	1,642.1	39.2	22.7	1,704.0	212.8
From stripper well leases.....	.....do.....	1.9	2.2	73.4	6.3	4.9	84.6	79.4
Natural gas.....	Bil. cu. ft.	60.9	61.7	1,662.9	32.8	20.6	1,716.3	161.7
Lease revenues								
Crude petroleum and condensate.....	Mill. dol....	87.2	123.6	6,391.7	162.8	89.3	6,643.8	828.5
Crude petroleum.....	.....do.....	87.2	123.6	6,391.7	162.8	89.3	6,643.8	828.5
Natural gas.....	.....do.....	14.1	15.1	361.4	8.0	4.3	373.7	33.3
Expenditures (capitalized and expensed):								
Exploration expenditures								
Drilling and equipping wells <sup>1 2</sup> .....	.....do.....	11.5	15.4	134.3	20.9	10.5	165.7	99.9
Dry holes <sup>2</sup> .....	.....do.....	7.6	6.4	90.1	12.1	4.4	106.6	54.6
Oil.....	.....do.....	2.5	9.4	38.1	8.5	5.9	52.6	44.0
Work-in-progress adjustment <sup>2</sup> .....	.....do.....	1.4	-4	6.1	.3	.3	6.7	1.1
Development expenditures								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	11.3	15.1	563.3	39.3	7.6	590.2	150.7
Dry holes.....	.....do.....	(D)	(D)	51.0	(D)	(D)	55.9	20.6
Oil.....	.....do.....	9.2	12.0	437.2	32.2	5.6	474.9	128.1
Work-in-progress adjustment.....	.....do.....	(D)	(D)	55.2	(D)	(D)	59.3	2.1
Production expenditures								
Direct operating expenditures.....	.....do.....	18.8	26.8	1,300.0	41.0	25.2	1,366.2	302.3
Operating and maintenance.....	.....do.....	15.1	24.2	1,045.3	35.4	22.1	1,102.8	265.3
Workovers.....	.....do.....	2.2	2.0	154.9	3.1	1.4	159.4	22.6
Other direct expenses.....	.....do.....	1.6	.6	99.9	3.5	.8	104.2	14.2
PART II, GAS LEASES								
Sales volumes								
Crude petroleum and condensate.....	Mill. bbl....	2.4	3.1	79.2	2.1	1.1	82.4	6.8
From stripper well leases.....	.....do.....	(D)	(D)	6.8	.6	(2)	7.4	.7
Lease condensate.....	.....do.....	2.4	3.1	79.2	2.1	1.1	82.4	6.8
Natural gas.....	Bil. cu. ft.	396.5	342.5	9,671.0	273.3	132.5	10,076.8	13,322.1
Lease revenues:								
Crude petroleum and condensate.....	Mill. dol....	10.0	12.4	323.4	10.0	4.6	338.0	29.1
Lease condensate.....	.....do.....	10.0	12.4	323.4	10.0	4.6	338.0	29.1
Natural gas.....	.....do.....	88.4	81.1	2,207.7	61.4	30.0	2,299.1	302.5
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1 2</sup> .....	.....do.....	27.4	21.7	281.6	12.8	15.1	309.4	108.6
Dry holes <sup>2</sup> .....	.....do.....	13.2	11.6	141.8	6.1	5.5	153.4	50.3
Gas.....	.....do.....	13.0	8.0	102.0	6.8	9.2	118.0	44.8
Work-in-progress adjustment <sup>2</sup> .....	.....do.....	1.2	2.1	37.9	-1	.3	38.1	13.5
Development expenditures								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	27.0	30.8	512.8	18.6	16.1	547.5	143.8
Dry holes.....	.....do.....	4.2	8.3	85.1	2.8	3.6	91.5	17.1
Gas.....	.....do.....	23.2	22.4	379.6	14.6	11.7	405.9	125.5
Work-in-progress adjustment.....	.....do.....	-4	(2)	47.9	1.2	9	50.1	1.4
Production expenditures:								
Direct operating expenditures.....	.....do.....	13.0	18.4	298.7	12.7	6.4	317.8	97.7
Operating and maintenance.....	.....do.....	8.7	16.3	222.5	10.5	6.1	239.1	82.8
Workovers.....	.....do.....	4.3	2.0	46.5	.8	.2	49.5	11.3
Other direct expenses.....	.....do.....			27.7	1.4	.1	29.2	3.6
PART III, COMBINED LEASES								
Sales volumes:								
Crude petroleum and condensate.....	Mill. bbl....	19.8	14.9	583.3	4.4	3.1	590.8	46.2
From stripper well leases.....	.....do.....	(D)	(D)	18.9	.9	.5	20.3	14.2
Lease condensate.....	.....do.....	1.2	.4	39.2	.2	.2	39.6	3.1
Natural gas.....	Bil. cu. ft.	117.3	74.6	4,441.3	29.9	31.5	4,502.8	227.5
Lease revenues								
Crude petroleum and condensate.....	Mill. dol....	73.4	52.7	2,350.1	15.1	10.7	2,475.9	130.2
Crude petroleum.....	.....do.....	68.1	50.5	2,183.9	14.4	10.0	2,208.3	121.7
Lease condensate.....	.....do.....	5.3	2.2	166.4	.7	.7	167.8	8.3
Natural gas.....	.....do.....	26.6	18.0	980.5	6.7	7.4	994.7	55.5
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1 2</sup> .....	.....do.....	6.5	17.4	75.5	1.7	2.9	80.1	46.7
Dry holes <sup>2</sup> .....	.....do.....	5.3	12.1	52.1	1.3	2.2	55.6	23.1
Oil.....	.....do.....	.7	2.5	10.4	(D)	(D)	10.8	5.9
Gas.....	.....do.....	.4	2.7	11.6	(D)	(D)	13.3	18.0
Work-in-progress adjustment <sup>2</sup> .....	.....do.....	(2)	.1	1.5	(D)	(D)	.4	-3
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	17.8	25.4	301.1	8.7	1.5	311.4	23.3
Dry holes.....	.....do.....	(D)	(D)	37.5	(D)	(D)	37.9	2.5
Oil.....	.....do.....	10.5	22.3	161.1	7.1	1.2	169.4	15.8
Gas.....	.....do.....	10.1	5.6	85.3	1.9	.7	87.9	4.5
Work-in-progress adjustment.....	.....do.....	(D)	(D)	17.3	(D)	(D)	16.3	.4
Production expenditures:								
Direct operating expenditures.....	.....do.....	16.8	12.6	449.2	4.8	6.0	460.0	49.5
Operating and maintenance.....	.....do.....	14.9	11.0	328.1	4.3	5.3	337.7	43.5
Workovers.....	.....do.....	.8	1.0	93.2	.3	.4	94.0	4.8
Other direct expenses.....	.....do.....	1.1	.6	27.9	.2	.3	28.3	1.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(X) Not applicable.

(2) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

<sup>2</sup>The details of oil, gas, and combination leases presented in this table may not add to the totals of all companies or those of company groupings for table 2A since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

Table 4B.--DETAILED STATISTICS FOR OWNER-OPERATED PROPERTIES' RANKED BY TOTAL LEASE REVENUES: 1973

(Net company interest basis)

Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volume:									
Crude petroleum and condensate.....	Mil. bbl....	1,982.2	741.9	421.7	343.6	105.9	42.7	45.5	1,701.5
From stripper well leases.....	.....do.....	170.8	(D)	19.0	19.8	7.0	(D)	4.8	75.1
Lease condensate.....	.....do.....	93.9	34.4	16.9	14.0	13.1	2.9	2.3	83.6
Natural gas.....	Bil. cu. ft.	13,489.2	5,075.0	2,141.8	1,979.8	972.3	542.3	643.7	11,354.9
Lease revenues:									
Crude petroleum and condensate.....	Mil. dol....	10,804.5	4,066.4	2,135.3	1,745.5	642.1	281.6	352.7	9,223.6
Crude petroleum.....	.....do.....	7,761.7	2,996.1	1,644.2	1,296.6	411.5	164.7	185.2	6,698.3
Crude petroleum.....	.....do.....	7,365.4	2,845.4	1,515.1	1,238.9	359.3	152.7	175.3	6,346.7
Lease condensate.....	.....do.....	396.2	150.7	69.2	57.7	52.2	12.1	9.9	351.7
Natural gas.....	.....do.....	2,988.4	(D)	(D)	436.6	228.6	(D)	166.0	2,496.4
Other lease revenues from producing operations.....	.....do.....	54.4	(D)	(D)	12.3	2.1	(D)	1.5	28.9
Expenditures (capitalized and expensed):									
Exploration expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	634.9	109.8	65.2	63.9	26.6	32.8	71.4	369.7
Dry holes.....	.....do.....	381.6	66.3	56.3	47.5	15.5	14.4	38.9	238.8
Oil.....	.....do.....	76.7	(D)	(D)	3.2	(D)	(D)	4.3	23.5
Gas.....	.....do.....	118.5	12.4	(D)	12.3	(D)	6.7	21.4	64.9
Work-in-progress adjustment.....	.....do.....	58.1	(D)	(D)	.9	6.1	(D)	6.9	42.5
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	1,320.7	380.0	212.0	150.0	110.7	31.9	53.0	937.6
Dry holes.....	.....do.....	171.8	53.8	27.0	17.9	15.8	2.0	6.8	123.3
Oil.....	.....do.....	614.5	199.6	105.2	58.4	46.1	12.4	7.9	429.7
Gas.....	.....do.....	446.2	102.1	38.3	49.4	43.5	29.2	33.3	295.9
Work-in-progress adjustment.....	.....do.....	88.1	24.4	41.5	24.3	5.3	-11.7	5.0	88.7
Lease equipment.....	.....do.....	806.8	239.1	154.8	139.3	71.2	14.8	42.1	661.3
Lease and land acquisitions of producing acreage.....	.....do.....								
Other development expenditures, including direct overhead.....	.....do.....								
Production expenditures:									
Direct operating expenditures.....	.....do.....	2,003.7	569.5	379.0	307.7	139.2	45.5	66.3	1,507.3
Indirect operating expenditures:									
Taxes (excluding income taxes).....	.....do.....	708.9	268.7	136.2	116.4	39.2	18.5	25.1	604.1
Other indirect expenses.....	.....do.....	155.0	(D)	(D)	(D)	(D)	(D)	(D)	122.4
Companies ranked by total lease revenue--Continued									
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies	
Sales volume:									
Crude petroleum and condensate.....	Mil. bbl....	26.0	29.1	1,756.6	31.8	19.4	1,807.9	174.3	
From stripper well leases.....	.....do.....	2.7	3.5	81.4	5.3	4.4	91.1	79.7	
Lease condensate.....	.....do.....	1.9	2.2	87.7	1.4	.7	89.8	4.1	
Natural gas.....	Bil. cu. ft.	365.9	357.7	12,078.6	242.2	111.0	12,431.7	1,057.5	
Lease revenues:									
Crude petroleum and condensate.....	Mil. dol....	182.7	199.1	9,605.4	192.7	101.8	9,899.9	904.6	
Crude petroleum.....	.....do.....	101.7	111.0	6,911.0	130.6	74.5	7,116.1	645.6	
Crude petroleum.....	.....do.....	93.0	101.8	6,541.4	124.2	71.8	6,737.4	627.9	
Lease condensate.....	.....do.....	8.7	9.2	369.6	6.2	2.7	378.5	17.7	
Natural gas.....	.....do.....	(D)	(D)	2,663.0	(D)	(D)	2,745.7	242.7	
Other lease revenues from producing operations.....	.....do.....	(D)	(D)	31.5	(D)	(D)	38.4	16.0	
Expenditures (capitalized and expensed):									
Exploration expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	26.6	36.3	432.7	26.1	19.5	478.3	156.6	
Dry holes.....	.....do.....	13.2	22.0	274.0	14.0	7.8	295.9	85.7	
Oil.....	.....do.....	2.7	7.3	33.5	7.4	4.6	45.5	31.2	
Gas.....	.....do.....	8.7	4.7	78.3	5.2	6.1	89.7	28.8	
Work-in-progress adjustment.....	.....do.....	2.0	2.4	47.0	-5	1.0	47.3	10.8	
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	35.7	45.4	1,018.8	51.7	17.5	1,088.0	232.7	
Dry holes.....	.....do.....	5.4	10.0	138.7	4.8	4.0	147.4	24.4	
Oil.....	.....do.....	11.5	19.6	460.8	33.2	5.1	499.1	115.4	
Gas.....	.....do.....	22.7	18.9	337.6	11.7	7.7	357.1	89.1	
Work-in-progress adjustment.....	.....do.....	-3.9	-3.1	81.7	2.0	.7	84.4	3.8	
Lease equipment.....	.....do.....	19.5	22.6	703.4	28.3	9.1	740.8	66.0	
Lease and land acquisitions of producing acreage.....	.....do.....								
Other development expenditures, including direct overhead.....	.....do.....								
Production expenditures:									
Direct operating expenditures.....	.....do.....	31.7	39.6	1,578.6	44.0	29.5	1,652.1	351.6	
Indirect operating expenditures:									
Taxes (excluding income taxes).....	.....do.....	16.1	10.2	630.4	8.8	10.5	649.6	59.2	
Other indirect expenses.....	.....do.....	(D)	(D)	125.8	3.0	1.6	130.4	24.6	

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.

Table 4C.--DETAILED STATISTICS FOR NON-OWNER OPERATED PROPERTIES' RANKED BY TOTAL LEASE REVENUES: 1973

(Net company interest basis)

Item	Unit of measure	Total	Companies ranked by total lease revenue						
			First 4 companies	Companies 5-8	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volume:									
Crude petroleum and condensate.....	Mil. bbl....	660.9	126.8	123.1	165.3	41.3	21.4	32.7	510.6
From stripper well leases.....	.....do.....	35.9	(D)	2.3	5.3	2.8	(D)	3.8	16.0
Lease condensate.....	.....do.....	38.0	6.3	5.3	8.8	3.4	1.3	2.6	27.6
Natural gas.....	Bil. cu. ft.	4,568.1	870.7	748.5	1,018.8	264.8	145.9	318.4	3,367.2
Lease revenues.....									
Crude petroleum and condensate.....	Mil. dol....	4,105.1	784.9	714.7	990.5	253.1	131.4	217.4	3,092.1
Crude petroleum.....	.....do.....	2,583.7	510.2	482.2	645.3	162.1	84.1	123.8	2,007.7
Lease condensate.....	.....do.....	2,436.8	484.5	461.3	611.5	149.7	79.3	113.3	1,899.5
Natural gas.....	.....do.....	146.9	25.7	20.9	33.8	12.5	4.8	10.5	108.2
Income received from oil and gas royalties...	.....do.....	1,070.5	(D)	(D)	235.0	67.6	30.7	81.0	809.9
Other lease revenues from producing operations...	.....do.....	438.7	71.5	40.7	107.7	21.1	16.6	12.0	269.5
	.....do.....	12.2	(D)	(D)	2.5	2.3	(2)	.6	5.0
Expenditures (capitalized and expensed):									
Exploration expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	309.4	17.0	20.0	26.7	12.9	19.9	41.7	138.3
Dry holes.....	.....do.....	176.1	9.5	14.8	19.1	6.3	13.1	22.1	84.9
Oil.....	.....do.....	36.7	(D)	(D)	3.2	(D)	(D)	2.8	10.0
Gas.....	.....do.....	75.6	2.2	(D)	5.5	3.2	2.1	10.2	24.5
Work-in-progress adjustment.....	.....do.....	21.0	(D)	(D)	-1.0	(D)	(D)	6.6	19.0
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	446.2	63.4	54.5	54.7	32.9	28.9	57.7	292.0
Dry holes.....	.....do.....	53.9	4.6	3.2	8.5	2.3	6.4	3.5	28.4
Oil.....	.....do.....	173.5	33.9	30.9	20.1	13.6	5.8	10.2	114.5
Gas.....	.....do.....	177.4	19.6	16.7	20.7	15.5	9.5	25.5	107.6
Work-in-progress adjustment.....	.....do.....	41.3	5.3	3.7	5.4	1.5	7.3	18.4	41.5
Lease equipment.....	.....do.....								
Lease and land acquisitions of producing acreage.....	.....do.....	301.0	37.2	32.0	61.7	13.8	13.7	67.7	226.0
Other development expenditures, including direct overhead.....	.....do.....								
Production expenditures:									
Direct operating expenditures.....	.....do.....	589.9	104.6	98.3	134.9	40.2	18.0	38.4	434.4
Indirect operating expenditures:									
Taxes (excluding income taxes).....	.....do.....	215.5	52.2	41.5	60.1	10.9	5.7	11.6	182.1
Other indirect expenses.....	.....do.....	38.5	(D)	(D)	(D)	(D)	(D)	(D)	27.2
Companies ranked by total lease revenue--Continued									
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies	
Sales volume:									
Crude petroleum and condensate.....	Mil. bbl....	19.7	17.7	548.1	13.9	7.5	569.6		91.2
From stripper well leases.....	.....do.....	.5	1.3	17.8	2.4	.9	21.2		14.9
Lease condensate.....	.....do.....	1.7	1.3	30.7	.9	.6	32.2		5.8
Natural gas.....	Bil. cu. ft.	208.7	121.1	3,697.0	93.9	73.7	3,864.5		703.6
Lease revenues.....									
Crude petroleum and condensate.....	Mil. dol....	144.5	123.9	3,360.5	87.5	54.6	3,502.6		602.5
Crude petroleum.....	.....do.....	69.0	77.7	2,154.4	57.3	30.1	2,241.8		341.9
Lease condensate.....	.....do.....	62.4	72.3	2,034.2	52.8	27.4	2,114.4		322.2
Natural gas.....	.....do.....	6.6	5.4	120.2	4.5	2.6	127.3		19.7
Income received from oil and gas royalties...	.....do.....	(D)	(D)	886.9	(D)	(D)	921.9		148.6
Other lease revenues from producing operations...	.....do.....	2b.4	17.0	312.9	8.5	9.4	330.8		107.9
	.....do.....	(D)	(D)	6.2	(D)	(D)	8.1		4.1
Expenditures (capitalized and expensed):									
Exploration expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	19.1	22.3	179.7	10.2	9.0	198.9		110.5
Dry holes.....	.....do.....	13.9	12.9	111.7	6.3	4.3	122.3		53.8
Oil.....	.....do.....	.6	4.5	15.0	1.3	1.5	17.8		18.9
Gas.....	.....do.....	4.8	6.0	35.2	2.1	4.3	41.6		34.0
Work-in-progress adjustment.....	.....do.....	-2.2	-9.9	17.8	.4	-1.1	17.1		3.9
Development expenditures:									
Drilling and equipping wells <sup>1</sup> .....	.....do.....	20.5	26.0	338.5	14.9	7.7	361.1		85.2
Dry holes.....	.....do.....	2.6	4.0	35.0	1.6	1.3	37.8		16.1
Oil.....	.....do.....	8.3	14.7	137.4	6.1	1.7	145.2		28.3
Gas.....	.....do.....	10.6	9.1	127.3	4.8	4.7	136.7		40.7
Work-in-progress adjustment.....	.....do.....	-8.8	-1.8	38.9	2.4	.1	41.3		(2)
Lease equipment.....	.....do.....								
Lease and land acquisitions of producing acreage.....	.....do.....	15.1	12.6	253.3	7.4	3.7	264.4		36.6
Other development expenditures, including direct overhead.....	.....do.....								
Production expenditures:									
Direct operating expenditures.....	.....do.....	16.9	18.2	469.5	14.5	8.1	492.1		97.8
Indirect operating expenditures:									
Taxes (excluding income taxes).....	.....do.....	5.6	5.5	193.3	4.3	2.7	200.2		15.3
Other indirect expenses.....	.....do.....	(D)	(D)	34.3	.8	.6	35.7		2.8

## Companies ranked by total lease revenue--Continued

		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volume:								
Crude petroleum and condensate.....	Mil. bbl....	19.7	17.7	548.1	13.9	7.5	569.6	91.2
From stripper well leases.....	.....do.....	.5	1.3	17.8	2.4	.9	21.2	14.9
Lease condensate.....	.....do.....	1.7	1.3	30.7	.9	.6	32.2	5.8
Natural gas.....	Bil. cu. ft.	208.7	121.1	3,697.0	93.9	73.7	3,864.5	703.6
Lease revenues.....								
Crude petroleum and condensate.....	Mil. dol....	144.5	123.9	3,360.5	87.5	54.6	3,502.6	602.5
Crude petroleum.....	.....do.....	69.0	77.7	2,154.4	57.3	30.1	2,241.8	341.9
Crude petroleum.....	.....do.....	62.4	72.3	2,034.2	52.8	27.4	2,114.4	322.2
Lease condensate.....	.....do.....	6.6	5.4	120.2	4.5	2.6	127.3	19.7
Natural gas.....	.....do.....	(D)	(D)	886.9	(D)	(D)	921.9	148.6
Income received from oil and gas royalties.....	.....do.....	26.4	17.0	312.9	8.5	9.4	330.8	107.9
Other lease revenues from producing operations.....	.....do.....	(D)	(D)	6.2	(D)	(D)	8.1	4.1
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	19.1	22.3	179.7	10.2	9.0	198.9	110.5
Dry holes.....	.....do.....	13.9	12.9	111.7	6.3	4.3	122.3	53.8
Oil.....	.....do.....	.6	4.5	15.0	1.3	1.5	17.8	18.9
Gas.....	.....do.....	4.8	6.0	35.2	2.1	4.3	41.6	34.0
Work-in-progress adjustment.....	.....do.....	-2	-9	17.8	.4	-1.1	17.1	3.9
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	.....do.....	20.5	26.0	338.5	14.9	7.7	361.1	85.2
Dry holes.....	.....do.....	2.6	4.0	35.0	1.6	1.3	37.8	16.1
Oil.....	.....do.....	8.3	14.7	137.4	6.1	1.7	145.2	28.3
Gas.....	.....do.....	10.6	9.1	127.3	4.8	4.7	136.7	40.7
Work-in-progress adjustment.....	.....do.....	-8	-1.8	38.9	2.4	.1	41.3	(2)
Lease equipment.....	.....do.....							
Lease and land acquisitions of producing acreage.....	.....do.....	15.1	12.6	253.3	7.4	3.7	264.4	36.6
Other development expenditures, including direct overhead.....	.....do.....							
Production expenditures:								
Direct operating expenditures.....	.....do.....	16.9	18.2	469.5	14.5	8.1	492.1	97.8
Indirect operating expenditures:								
Taxes (excluding income taxes).....	.....do.....	5.6	5.5	193.3	4.3	2.7	200.2	15.3
Other indirect expenses.....	.....do.....	(D)	(D)	34.3	.8	.6	35.7	2.8

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

(2) Less than half of the unit of measurement shown (under \$50,000).

<sup>1</sup>Represents drilling and equipping expenditures during 1973. However, figures for dry holes, oil wells, and gas wells completed during 1973 include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of 1973, minus earlier year's drilling and equipping expenditures for wells completed during 1973.



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# Introduction

## SUMMARY OF SURVEY RESULTS

Revenues for crude petroleum, condensate, and natural gas on a gross operator basis<sup>1</sup> amounted to \$34,720 million in 1976, an increase of 9 percent from the 1975 figure of \$31,972 million. The level of 1976 revenues was nearly double the 1973 figure of \$18,104 million. The significant increase in revenues since 1973 has occurred in spite of declining production volumes for both oil and gas in recent years. A major factor influencing crude petroleum revenues was the removal of domestic price constraints in the last quarter of 1973 when the members of the Organization of Petroleum Exporting Countries administratively quadrupled their prices while demand in the United States increasingly exceeded domestic supply. Subsequent Federal legislation has had a major impact on domestic prices. Average unit values of crude petroleum increased by 70 percent from 1973 to 1974, 12 percent from 1974 to 1975, and by 7 percent from 1975 to 1976.

The 1976 gross operator sales volume of 2,905 million barrels of crude petroleum and condensate was 6 percent less than the 1975 level of 3,086 million barrels. Similar changes and other trends in levels of sales volumes and revenues for crude petroleum statistics on a gross operator basis are depicted in chart A.

Unlike crude petroleum, natural gas unit value increases have been spread uniformly over the four years covered by this survey. Revenues for natural gas have increased by about 33 percent in each year-to-year period since 1973, resulting in an increase in gas revenues from 1973 to 1976 of 133 percent. During this same period natural gas unit values increased by 161 percent. This higher percentage reflects the decrease in natural gas sales volumes from 22,315 billion cubic feet in 1973 to 19,902 billion cubic feet in 1976. Sales volumes decreased 2 percent from 1973 to 1974, 7 percent from 1974 to 1975, and 3 percent from 1975 to 1976. These trends in the levels of revenues, sales volumes, and average unit values for natural gas statistics on a gross operator basis are illustrated in chart B.

Since 1973, natural gas revenues have increased relatively more and sales volumes have decreased relatively less than those for crude petroleum and condensate. In part, the higher percentage increases in natural gas revenues versus those for crude petroleum and lease condensate is due to differing regulatory schemes. Intrastate gas sales at the wellhead do not have price ceilings associated with them and therefore intrastate prices have tended to rise commensurate with demand. While

overall natural gas shipments have been decreasing, a greater proportion of natural gas production has been committed to intrastate sales, thereby increasing the relative amount of gas sold at higher prices. A substantial portion of intrastate sales went to manufacturing establishments located in Texas and Louisiana. Manufacturers in these two States accounted for 37.4 percent of all natural gas used by manufacturing establishments for heat and power in 1975, which was greater than the 35.1 percent used in 1974.<sup>2</sup> Approximately 70 percent of domestic natural gas is produced in these two States.<sup>3</sup>

Gross operator expenditures for drilling and equipping wells completed during 1976 totaled \$6,908 million. This was a 20-percent increase over the 1975 figure of \$5,776 million. From 1973 to 1975, expenditures attributable to completed exploration wells had been increasing at a greater rate than those for completed development wells for each well category (oil, gas, dry). From 1975 to 1976, however, expenditures for completed development wells increased at a greater rate than did those for completed exploration wells.

During 1976, expenditures for completed gas wells amounted to \$2,716 million, exceeding expenditures for completed oil wells which were \$2,219 million. During 1973, 1974, and 1975 expenditures for completed oil wells slightly exceeded expenditures for completed gas wells as can be seen from chart C. From charts D and E, it can be ascertained that gas development wells, rather than exploratory wells, were responsible for the sizable increase in expenditures for completed gas wells.

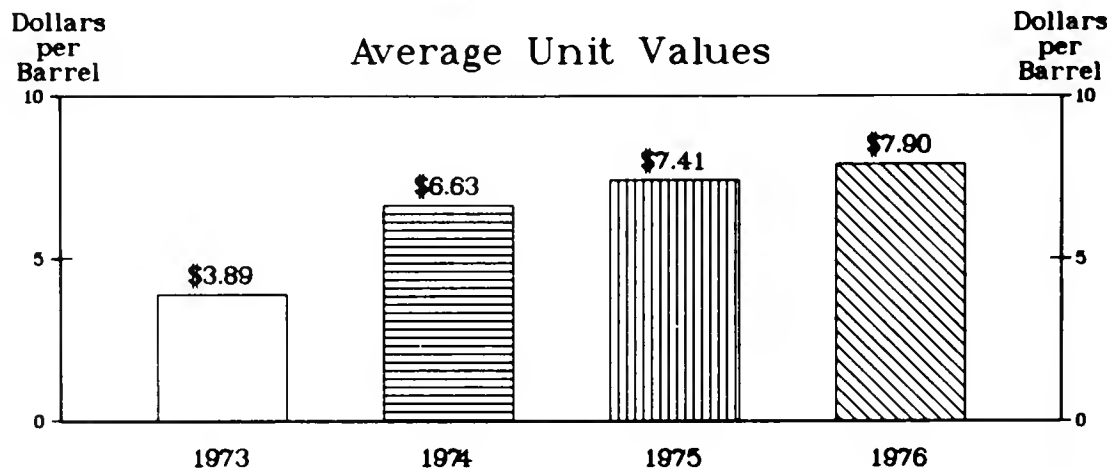
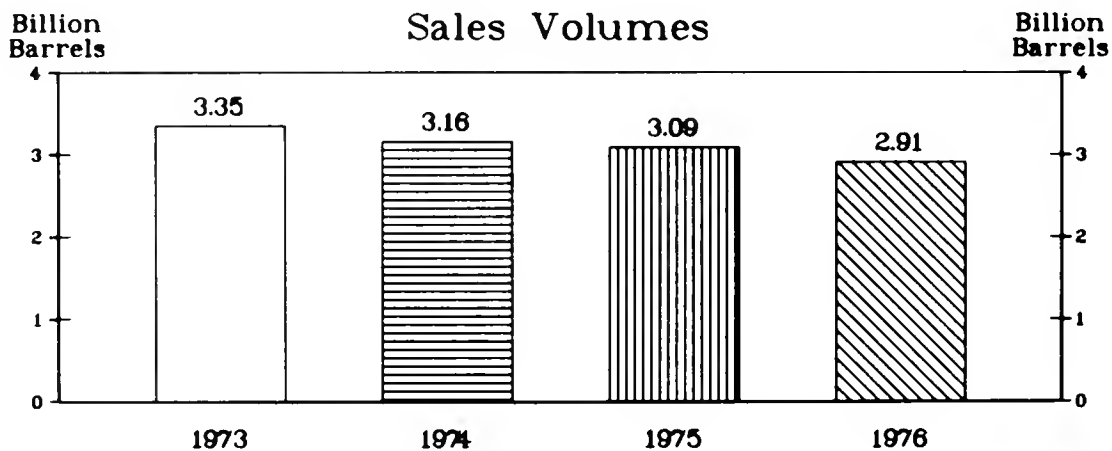
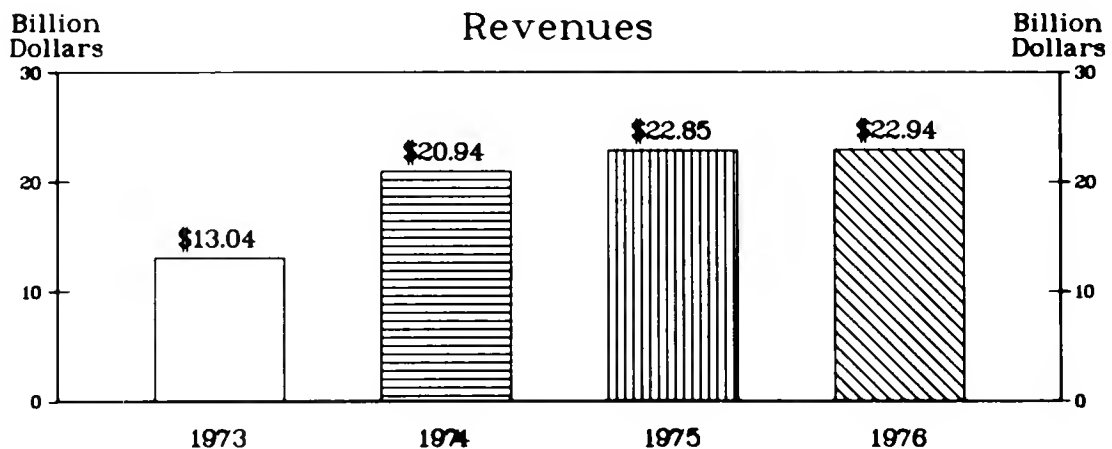
The drilling success rate in 1976 represented an improvement over 1975 since successful expenditures were 72 percent of total gross operator expenditures for drilling and equipping wells completed during the year compared to 69 percent in 1975. The increased success rate of these drilling efforts can, in part, be attributed to increased prices for crude petroleum and gas and the anticipation of higher prices since less output is required to make projects economic. A dry hole is defined as an exploratory or development well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well. This category, in conformance with standard industry nomenclature, includes wells which are temporarily abandoned prior to the installation of permanent production equipment, even though the wells may be completed for production at a later date. Also included as dry holes are offshore new field wildcats which are drilled and abandoned even though substantial quantities of oil or gas may have been discovered. Separate data for such discovery wells are not available.

<sup>1</sup> See section "Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1976" for definition of terms.

<sup>2</sup> Annual Survey of Manufactures: 1975, "Fuels and Electric Energy Consumed," U.S. Bureau of the Census.

<sup>3</sup> "Commodity Data Summaries 1977" Bureau of Mines, p. 108.

CHART A. CRUDE PETROLEUM and LEASE CONDENSATE  
REVENUES, SALES VOLUMES and AVERAGE UNIT VALUES  
1973 to 1976  
(Gross operator basis)



Drilling work-in-progress expenditures have been increasing progressively since 1973. Consequently, expenditures for drilling and equipping wells incurred within those years have been greater than expenditures for completed wells. This and other relationships for gross operator statistics for the years 1973 to 1976 are shown in table 2 of this publication.

The increase in current year drilling expenditures reflects both an increase in drilling activity and an increase in the cost of drilling. The Independent Petroleum Association of America (IPAA) publishes a cost index<sup>4</sup> which provides an estimate of changes in drilling costs. These index figures were applied to the expenditures data from the Annual Survey of Oil and Gas (ASOG) to provide a measure of change in physical drilling activity (text table A). This table implies that while exploration and development expenditures have both increased in terms of constant dollars, development expenditures have increased by a greater amount and the rate of increase has slowed less than for exploration expenditures.

The major portion of the annual survey of oil and gas deals with statistics reported on a net company interest basis.<sup>5</sup> Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totalled \$18,624 million in 1976 with a corresponding volume of 2,348 million barrels. Natural gas revenues were \$9,772 million with a

corresponding quantity of 15,893 billion cubic feet. The 1976 unit value for crude petroleum and lease condensate on a net company interest basis (\$7.93 per barrel) varied by less than 1 percent of the unit value on a gross operator basis (\$7.89 per barrel). The net company interest unit value for natural gas was 61.5 cents per thousand cubic feet while on a gross operator basis it was 59.2 cents per thousand cubic feet, a difference of less than 4 percent.

The distribution of crude petroleum and condensate sales during 1976, 1975, and 1974 based on the average unit value calculated for each company is shown in chart F. Since reporting for this survey is done at the company level, all crude petroleum and condensate sold by a company was assigned that company's average sales value for purposes of the chart. Thus, the 971 million barrels shown for 1976 for the range \$7.75 to \$8.24 represents the total sales volumes of all companies with an average price per barrel within that range. The figure may differ substantially from the actual quantity sold by all companies at a price within this range. For instance, according to the Federal Energy Administration, 55 percent of all production sold was "old oil" in 1976.<sup>6</sup> Thus, if chart F were based on the volumes sold at each transaction price, at least 55 percent of the distribution would have occurred in the "less than \$6.25" range. In actuality, only 3 percent of the

<sup>4</sup>"Report of the Cost Study Committee, Independent Petroleum Association of America," May 1977, table 1.

<sup>5</sup>See footnote 1.

<sup>6</sup>"Monthly Energy Review" August 1977, Federal Energy Administration.

Table A. Expenditures for Drilling and Equipping Wells in Current and 1974 Dollars and Implied Index of Change in Exploration and Development Expenditures: 1973 to 1976

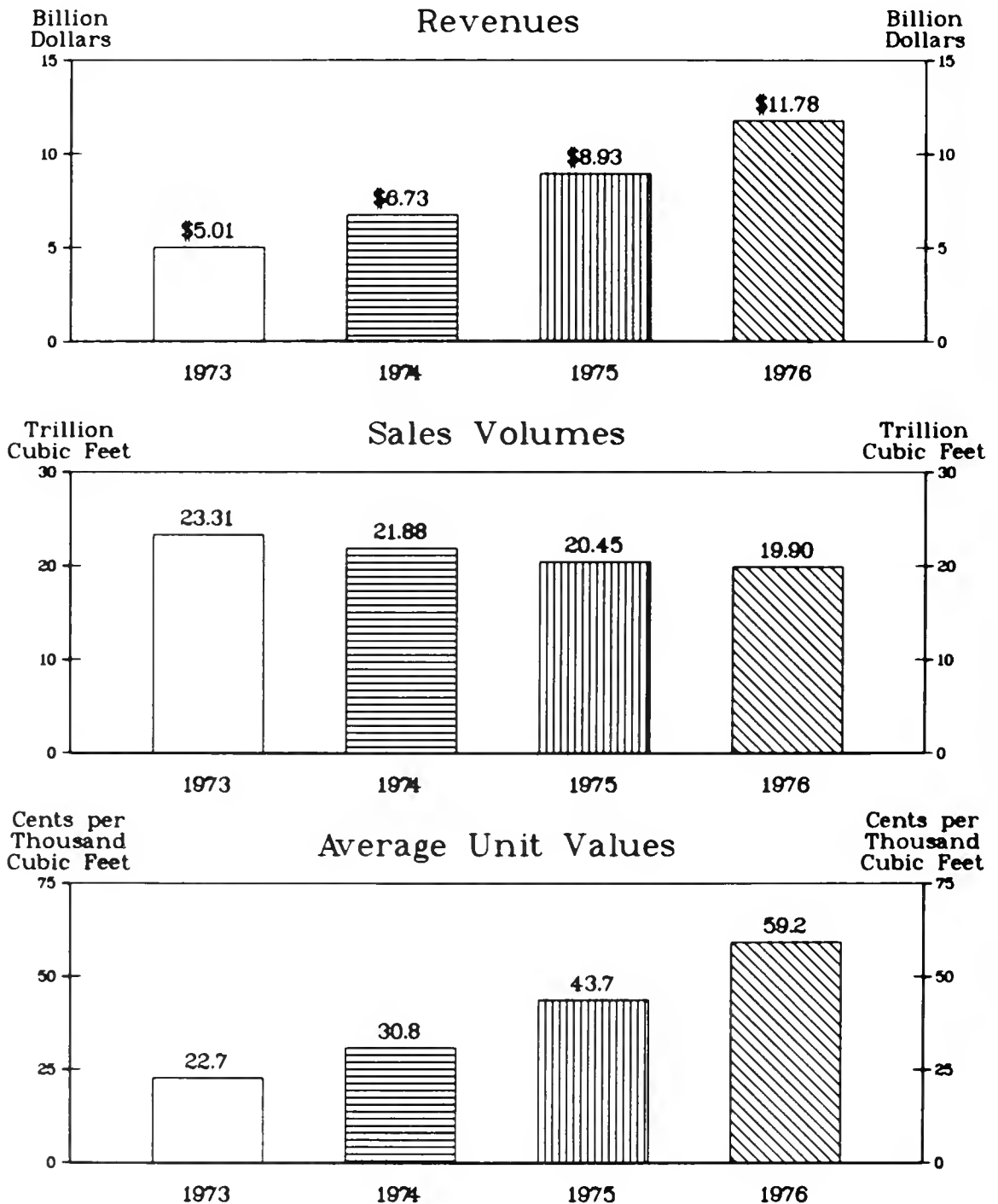
Year	IPAA cost index <sup>1</sup>	Wells completed during the year (millions of dollars)		Inferred physical change in drilling activity from previous year (percent)
		Current dollars	Constant dollars	
1976 Total.....	127.4	6,908	5,422	+9.3
Exploration.....	( <sup>2</sup> )	2,666	2,093	+4.0
Development.....	( <sup>2</sup> )	4,243	3,330	+12.9
1975 Total.....	116.4	5,776	4,962	+18.2
Exploration.....	( <sup>2</sup> )	2,342	2,012	+14.7
Development.....	( <sup>2</sup> )	3,434	2,950	+20.6
1974 Total.....	100.0	4,199	4,199	+21.4
Exploration.....	( <sup>2</sup> )	1,754	1,754	+44.8
Development.....	( <sup>2</sup> )	2,445	2,445	+8.7
1973 Total.....	83.5	2,889	3,460	(NA)
Exploration.....	( <sup>2</sup> )	1,011	1,211	(NA)
Development.....	( <sup>2</sup> )	1,878	2,249	(NA)

(NA) Not applicable.

<sup>1</sup>Source: "Report of the Cost Study Committee," Independent Petroleum Association of America, May 1977, table 1.

<sup>2</sup>The IPAA cost index for all wells was used to deflate figures for exploration and development wells.

CHART B. NATURAL GAS  
REVENUES, SALES VOLUMES and AVERAGE UNIT VALUES  
1973 to 1976  
(Gross operator basis)



distribution is in the "less than \$6.25" range. Since there is a concentration in the \$7.75 to \$8.25 per barrel range, the range containing the overall average, most large companies appear to have had average unit values similar to the industry average. As can be seen from this chart, the distribution has been shifting to the right as the percentage of "new, stripper, or released oil" has increased, thereby resulting in higher company average unit values. The 1974 distribution depicts most companies with a large proportion of "old oil" while the 1976 distribution reflects a product mix containing relatively more "upper tier oil."

The distribution of natural gas sales during 1976, 1975, and 1974 based on the average unit value calculated for each company is shown in chart G. Since this chart was developed using the same methodology as used for chart F, the same limitations apply. While the 1974 and 1975 distributions generally centered around one mode, the 1976 pattern reflected greater dispersion. Since this survey does not collect separate information on intercompany transfers, e.g., transfers within integrated companies from field operations to natural gas liquids plants, refineries, chemical plants, etc. where market transactions are not involved and also does not provide a breakdown of interstate and intrastate gas sales, a complete assessment of the meaning of these distributions is not possible.

Another contributing factor to the fluctuations in these distributions is the situation in which long-term contracts that are amended or renegotiated vary from year to year; thereby causing significant shifts in the volumes distributed in the various unit values ranges since recently revised contracts generally have substantially higher prices than those of the past.

The 1976 average unit value for offshore crude petroleum increased more than for onshore crude petroleum (chart H, part

1). This reverses the year-to-year patterns of 1973-1975. While both onshore and offshore crude petroleum sales volumes declined, onshore sales volumes decreased by a larger percent than did offshore output. The natural gas unit value for onshore areas of 65.1 cents per MCF increased relatively more than the corresponding figure of 48.5 cents per MCF for offshore areas over their 1975 levels. This repeats the year-to-year unit value pattern of natural gas from 1973 to 1975 (chart H, part 2).

Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have shown a positive relationship to price increases. Stripper well output, which is sold at uncontrolled prices, has increased in each year of the ASOG. The stripper well lease sales volumes for 1973, 1974, 1975, and 1976 were 207, 236, 244, and 270 million barrels, respectively. Between 1973 and 1976 the average unit value of crude petroleum and condensate for companies with 80 percent or more stripper well lease specialization increased 220 percent, from \$3.45 per barrel to \$11.03 per barrel, while the rate of increase for all companies was 103 percent, (table B). The stripper well lease proportion of crude petroleum and condensate volumes has gradually increased from 7.8 percent in 1973 to 11.5 percent in 1976. The higher level of sales of crude petroleum from stripper well leases may, in part, be attributed to the higher prices paid for stripper output. The significant increase in prices for stripper output between 1973 and 1976 more than offset increases in operating costs, tending to extend the economic life of marginal wells and thereby increasing total stripper lease output. Table B partially illustrates this point. Note that in 1973, when for three-quarters of the year crude petroleum prices were not regulated, that no definite pattern of prices appeared by stripper well lease

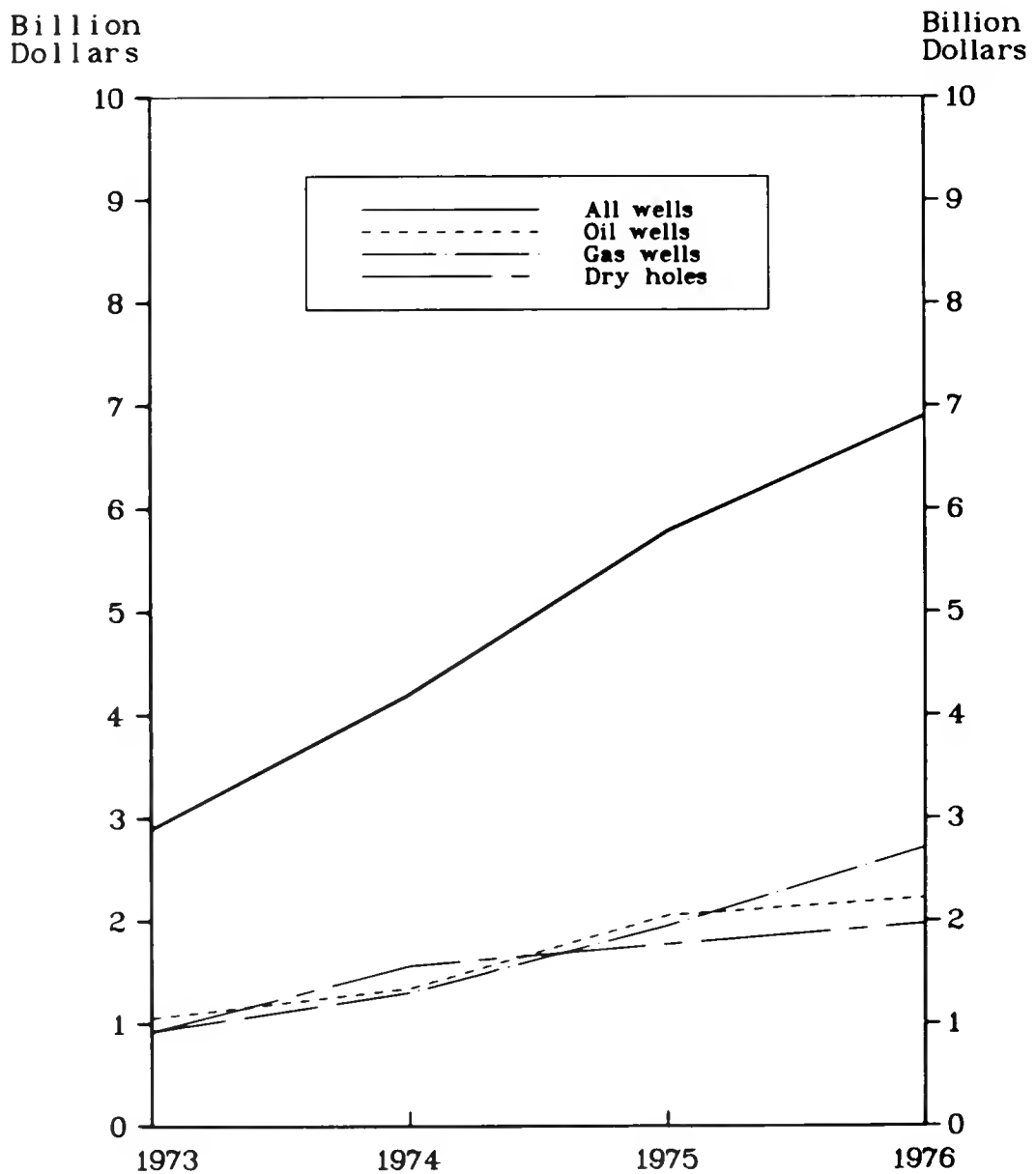
Table B. Selected Ratios for the Lower 48 States, by Stripper Well Lease Specialization: 1973 to 1976

(Net company interest basis)

Stripper well lease specialization ratio	Direct operating expenditures to lease revenues				Crude petroleum and condensate unit value (dollars per barrel)				Percentage of total crude petroleum and condensate			
	1976	1975	1974	1973	1976	1975	1974	1973	1976	1975	1974	1973
.800-1.000.....	.291	.279	.253	.359	11.04	10.33	8.88	3.45	3.2	3.1	3.6	3.2
.600-.799.....	.233	.228	.173	.348	10.44	9.09	8.69	3.93	.8	1.1	0.9	0.8
.500-.599.....	.220	.235	.185	.335	9.26	9.73	7.04	4.07	1.3	0.5	0.6	0.4
.400-.499.....	.247	.241	.194	.227	9.49	8.61	7.43	3.94	1.2	1.3	1.0	1.1
.300-.399.....	.183	.205	.188	.247	9.05	8.88	6.98	3.70	1.4	1.3	1.2	1.2
.200-.299.....	.179	.179	.208	.223	8.99	8.66	7.40	3.66	3.3	2.6	2.2	1.9
.150-.199.....	.187	.163	.147	.232	7.72	7.72	7.02	3.79	15.2	1.9	1.7	1.7
All companies.....	.155	.153	.140	.176	8.02	7.65	6.75	3.90	100.0	100.0	100.0	100.0
.100-.149.....	.155	.156	.141	.188	7.69	7.53	6.58	4.03	15.8	16.8	7.6	5.5
.050-.099.....	.164	.168	.149	.131	7.72	7.35	6.53	3.98	29.9	42.8	41.7	33.9
.000-.049.....	.103	.099	.110	.184	8.01	7.60	6.73	3.88	28.0	28.6	39.5	50.3

<sup>1</sup>The stripper well lease specialization ratios were derived individually for each year by dividing the quantity of stripper well lease crude petroleum and condensate by the total quantity of crude petroleum and condensate sales for each company.

CHART C. EXPENDITURES for WELLS COMPLETED  
DURING the YEAR: 1973 to 1976  
(Gross operator basis)





specialization ratio, while from 1974 to 1976 prices tended to decrease as companies became less specialized in stripper well output. In all years the amount of expenditures to revenues tended to be greater for companies with larger shares of output from stripper wells. The relatively greater price increases for companies with higher proportions of stripper output enabled them to increase stripper output since costs did not increase as much as their product prices. Part of the price/cost advantage obtained from 1973 to 1974 was lost during the 1974-1976 period. This is illustrated by the ratio of direct operating expenditures to lease revenues shown in table B. Table B also shows a tendency for output to come increasingly from companies in progressively higher stripper well lease specialization groupings. e.g., the share of output from companies with less than 5 percent specialization decreased from 50 percent of the lower 48 states output in 1973 to 28 percent in 1976 whereas companies within the .100 - .148 range increased from 2 percent in 1973 to 15 percent in 1976. The most significant 1975-1976 changes occurred in the .050 - .099 range which decreased by 14 percent and the .150 - .199 range which increased about 13 percent.

Chart I shows the amounts of various items accounted for the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenue values. Part 1 presents the oil and gas revenues of these groups of companies. The largest eight companies' domestic oil and gas revenues of \$13.6 billion in 1976 amounted to 48 percent of all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the revenue figure, the largest eight companies' ownership share (of 1976 gross revenues) was reduced to 39 percent. The ownership share of the largest eight companies also amounted to 39 percent of all oil and gas revenues during 1975. Part 2 of chart I shows that the largest eight companies had \$37.1 billion in assets which amounted to 45 percent of the industry's total. There has been an annual decline in the largest eight companies' share of total assets of 1 percent per annum since 1973, when their share amounted to 48 percent.

Chart J provides the geographical distribution of oil and gas revenues and of assets for 1973 through 1976. The share of royalty interest held by private owners is greater in the onshore lower 48 States than in Alaska or in offshore areas since royalty interest in the latter areas are usually held by governments. Also, investments in the onshore lower 48 States are usually older than in Alaska or the offshore lower 48 States. These factors limit the validity of percentage comparisons for geographic areas.

Expenditures for acquiring nonproducing leases totalled \$3.0 billion in 1976. Such expenditures have fluctuated considerably during the 1973-1976 time period, particularly for offshore lease acquisitions. With the exception of 1976, all of the Federal Offshore Continental Shelf (OCS) sales have been for leases adjacent to the lower 48 States. The Bureau of Land Management OCS lease bonuses which were \$2.2 billion,<sup>7</sup> accounted for about 73 percent of all lease and land acquisition expenditures for nonproducing acreage during 1976.

Of the net company interest total of 2,348 million barrels of crude petroleum and condensate, 1,722 million barrels were produced from leases containing only oil wells, 82 million

barrels (of condensate) were produced from gas leases, and 543 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 15,893 billion cubic feet of natural gas showed that 10,366 cubic feet were produced from leases containing only gas wells, 1,569 billion cubic feet (of casinghead gas) were produced from leases containing only oil wells, and 3,959 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart K, net company interest expenditures for exploration, development, and production amounted to \$22.6 billion in 1976. Of this total, exploration accounted for \$7.2 billion; development, \$7.7 billion; and production, \$7.6 billion. This represents an increase in total expenditures of 22 percent since 1975. The above components increased by percentages of 36, 20, and 12, respectively.

During 1976, the industry's total expenditures for exploration, development, and production increased by \$4.0 billion while lease revenues increased by \$3.1 billion. The changes in the expenditure to revenue percentage by company size groupings is shown in chart L. The 1973 and 1974 pattern where expenditures for lease acquisitions of nonproducing acreage was the single largest expenditure item was not the case in 1975 and 1976, where expenditures for drilling and equipment development wells has been the largest category.

Chart M is based on statistics from table 4 and shows a slight change in the percentage of revenue expended for production between 1975 and 1976. There were small variations in lease revenues expended for production for the groups including the largest 200 companies. Each of these groups expended between 22 and 27 percent of their revenues for production in 1976. The position of the "all other" companies category was within 8 percent of the industry average in 1976 compared to 9 percent in 1975, 10 percent in 1974, and 17 percent in 1973. Thus the tendency for smaller companies to spend a higher percentage of lease revenues for production continued. Production expenditures do not represent all expenditures actually incurred for production since income taxes, depletion, depreciation, amortization, and interest on investment are excluded.

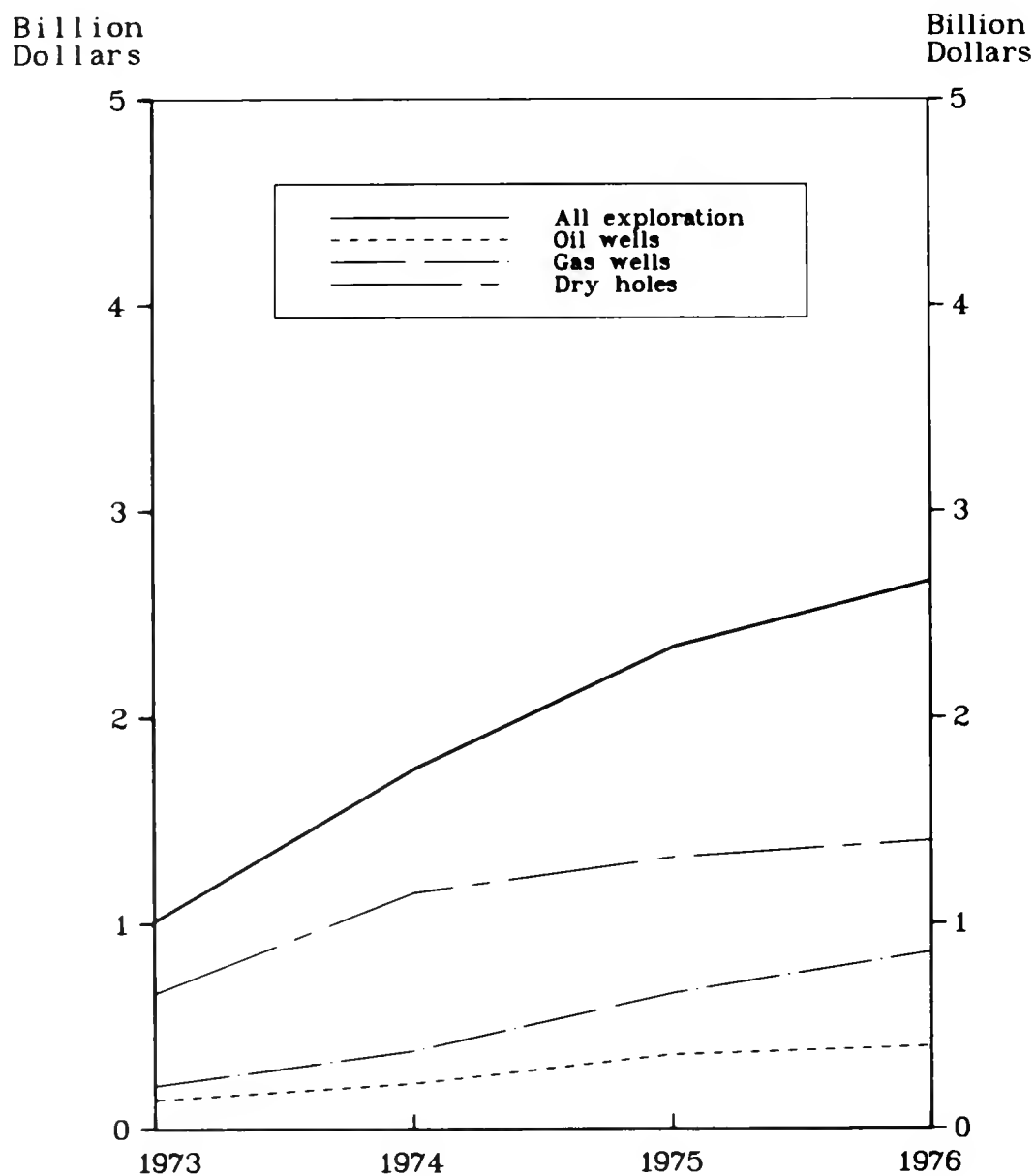
The preceding summary information was based on statistics which appear in tables 1 through 5, 15, and 23. These include aggregates of all detailed data collected for this survey. Tables 6 through 23 feature disaggregated statistics. For these tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 23 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphs presented in this report focus attention on some of the significant findings of this report.

#### COMPARABILITY OF NET COMPANY INTEREST STATISTICS TO GROSS OPERATOR BASIS STATISTICS: 1976

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated, whether for their own account or for the account of others. Net company interest

<sup>7</sup> "Outer Continental Shelf Statistics, "U.S. Department of Interior, June 1977, p. 21.

CHART D. EXPENDITURES for EXPLORATION WELLS  
COMPLETED DURING the YEAR: 1973 to 1976  
(Gross operator basis)



basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 82 percent of gross operator basis revenues. Expenditures for drilling and equipping wells on a net company interest basis were 18 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not canvassed. In the 1972 Census of Mineral Industries, royalty interest holders accounted for approximately 16 percent of the average operator account.

Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table C compares 1976 sales on a net company interest and gross operator basis.

#### COMPARISON OF BUREAU OF THE CENSUS STATISTICS TO BUREAU OF MINES STATISTICS

Differences occur between the Bureau of the Census gross operator and the Bureau of Mines statistics which are due to such causes as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude

petroleum and natural gas data directly from operators of oil and gas field properties. The Bureau of Mines obtains most of its production data for crude petroleum from State regulatory agencies and collects natural gas data directly from producing companies. Table D provides a comparison of 1976 data from the two Bureaus.

#### PUBLICATION PROGRAM

This release contains final statistics covering oil and gas field exploration, development, and production activities from the 1976 Annual Survey of Oil and Gas. The 1976 survey is the fourth of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

#### CONFIDENTIALITY OF INDIVIDUAL COMPANY DATA

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

Table C. Comparison of Gross Operator and Net Company Interest Statistics: 1976, 1975, and 1974

Year	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cubic feet)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
1976:						
Net company interest basis.....	2,347.6	18,624.1	7.93	15,893.1	9,771.7	61.5
Gross operator basis.....	2,905.2	22,936.4	7.90	19,902.0	11,783.8	59.2
Net-gross ratio.....	.808	.812	1.004	.799	.829	1.039
1975:						
Net company interest basis.....	2,414.0	18,142.2	7.52	16,138.3	7,240.9	44.9
Gross operator basis.....	3,085.9	22,851.9	7.41	20,454.6	8,928.6	43.7
Net-gross ratio.....	.782	.794	1.015	.789	.811	1.027
1974:						
Net company interest basis.....	2,512.5	16,772.5	6.67	17,495.5	5,552.0	31.7
Gross operator basis.....	3,159.3	20,937.8	6.63	21,877.8	6,726.1	30.7
Net-gross ratio.....	.795	.801	1.006	.800	.825	1.033

Table D. Comparison of Bureau of the Census and Bureau of Mines Statistics: 1976, 1975, and 1974

Year and agency	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (million cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
1976:						
Bureau of the Census (sales-- gross operator basis).....	2,905.2	22,936.4	7.90	19,902.0	11,783.8	59.2
Bureau of Mines <sup>1</sup> .....	2,976.2	24,229.5	8.14	<sup>2</sup> 19,952.4	11,571.8	58.0
Census-Mines ratio.....	.976	.947	.971	.997	1.018	1.021
1975:						
Bureau of the Census (sales-- gross operator basis).....	3,085.9	22,851.9	7.41	20,454.6	8,928.6	43.7
Bureau of Mines <sup>1</sup> (production)...	3,056.8	23,116.1	7.56	<sup>2</sup> 20,108.7	8,945.1	44.5
Census-Mines ratio.....	1.010	.989	.980	1.017	.998	.982
1974:						
Bureau of the Census (sales-- gross operator basis).....	3,159.3	20,937.8	6.63	21,877.8	6,726.1	30.7
Bureau of Mines <sup>1</sup> (production)...	3,202.6	21,580.5	6.74	<sup>2</sup> 21,600.5	6,573.4	30.4
Census-Mines ratio.....	.986	.970	.984	1.012	1.023	1.010

<sup>1</sup>Source: U.S. Bureau of Mines, Natural Gas, annual; Petroleum Statement, monthly, April 1977, March 1976, and April 1975.

<sup>2</sup>Marketed production represents gross withdrawals less gas used for repressuring and quantities vented or flared.

CHART E. EXPENDITURES for DEVELOPMENT WELLS  
COMPLETED DURING the YEAR: 1973 to 1976  
(Gross operator basis)

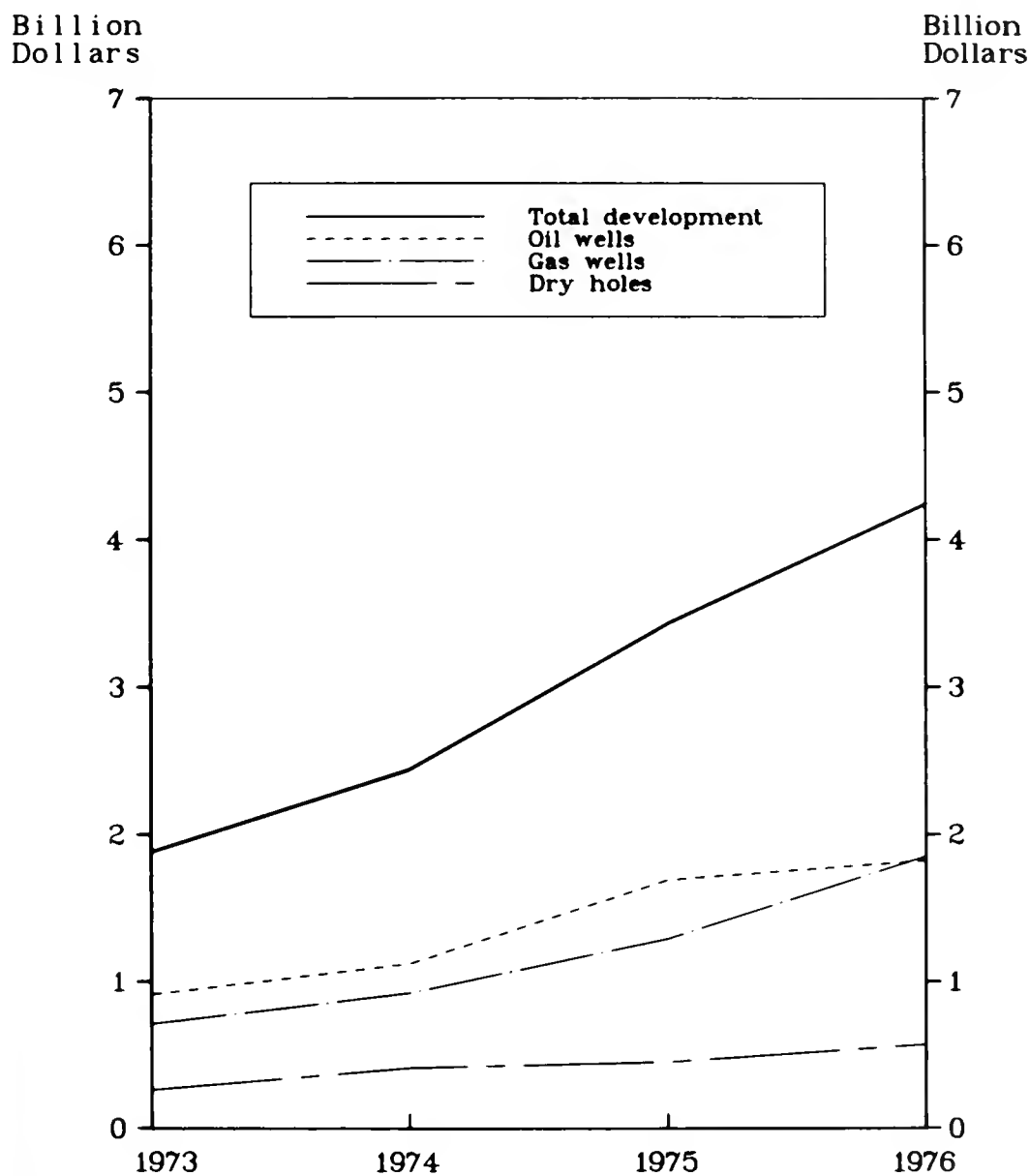


CHART F. DISTRIBUTION of CRUDE PETROLEUM and LEASE CONDENSATE  
SALES VOLUMES BASED on the AVERAGE UNIT VALUE  
of EACH COMPANY (DOLLARS per BARREL)  
(Net company interest)

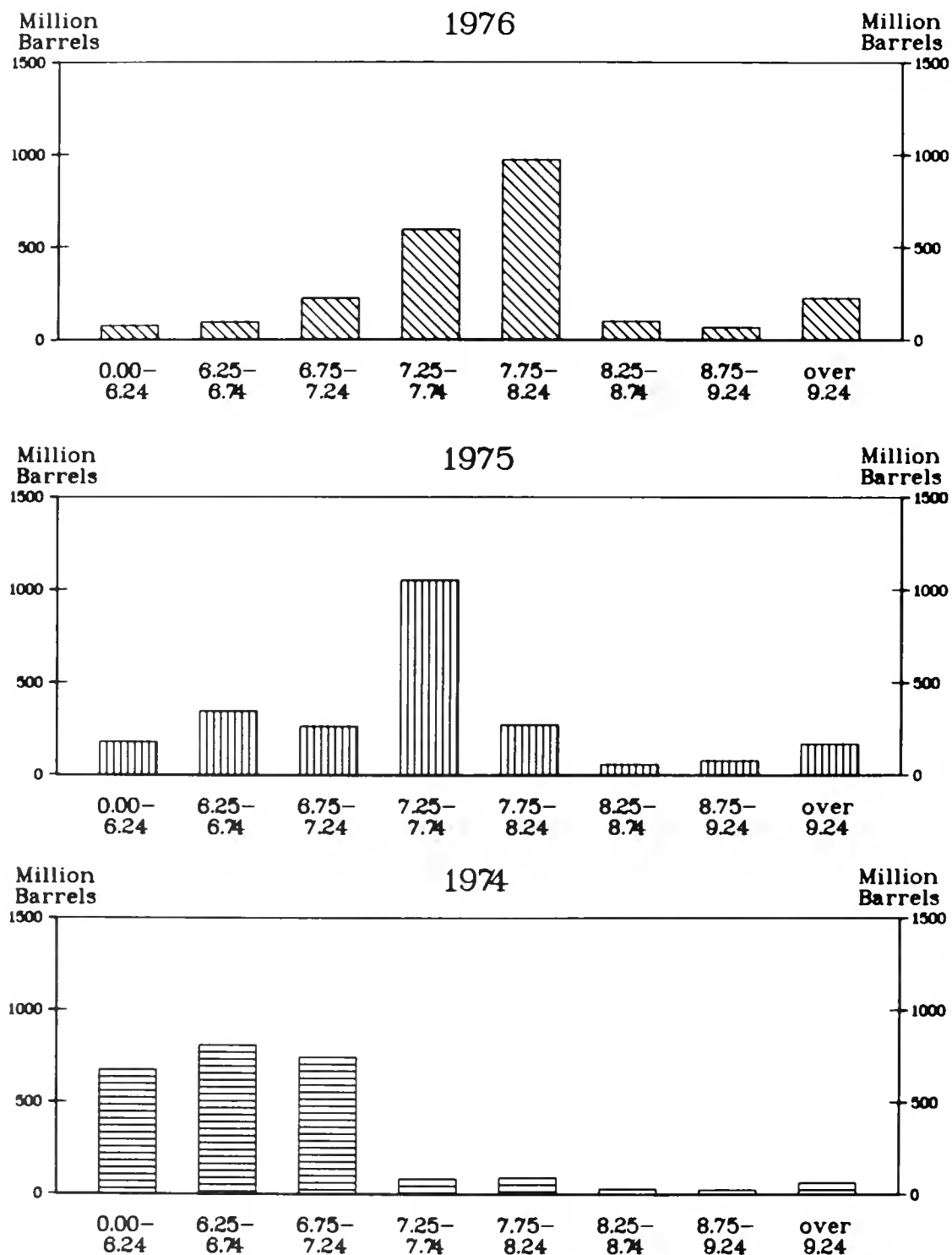


CHART G. DISTRIBUTION of NATURAL GAS  
SALES VOLUMES BASED on the AVERAGE UNIT VALUE  
of EACH COMPANY (Cents per MCF)  
(Net company interest)

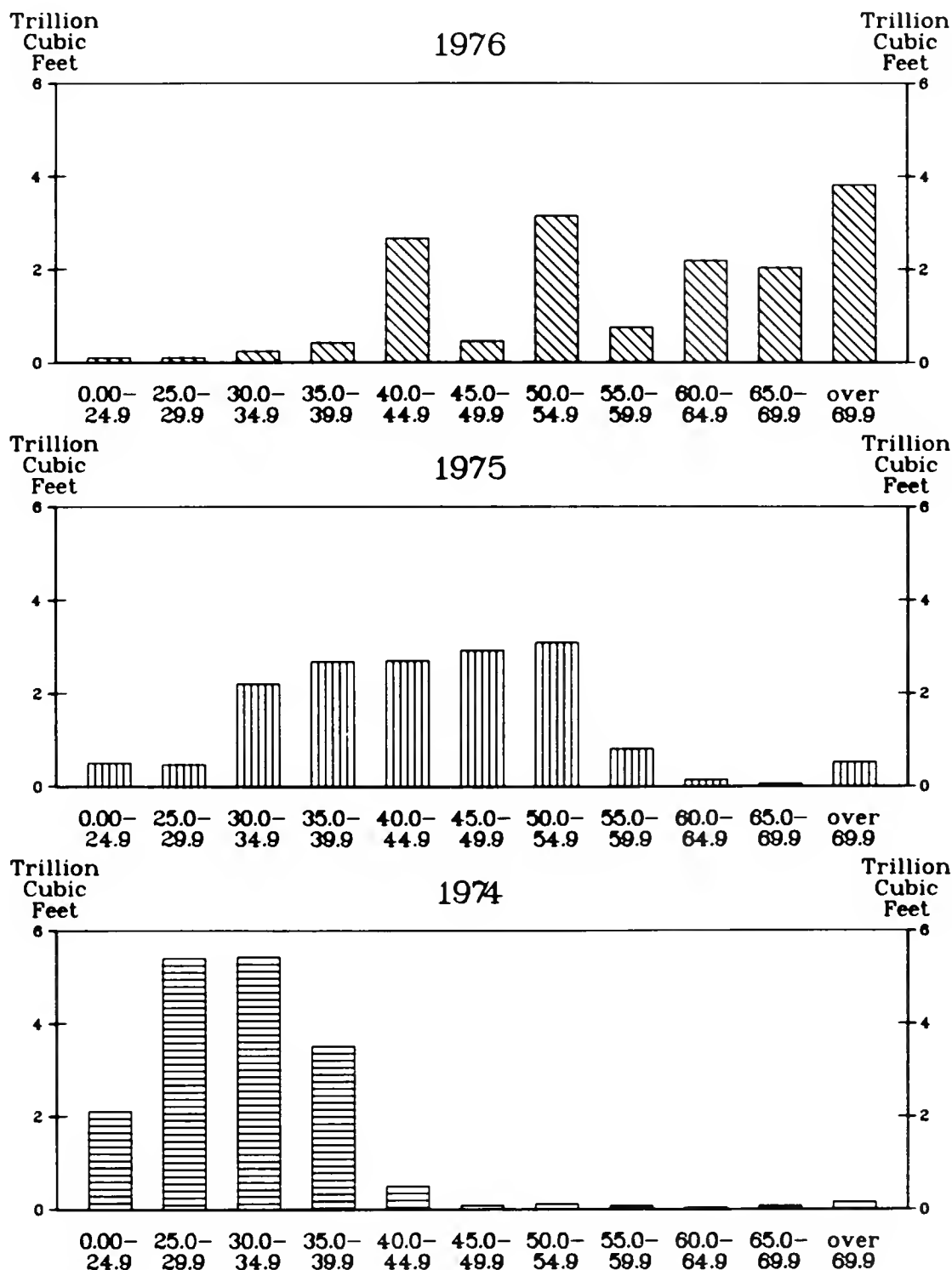


CHART H. PART 1, AVERAGE UNIT VALUES of ONSHORE and OFFSHORE  
CRUDE PETROLEUM and LEASE CONDENSATE: 1973 to 1976  
(Net company interest)

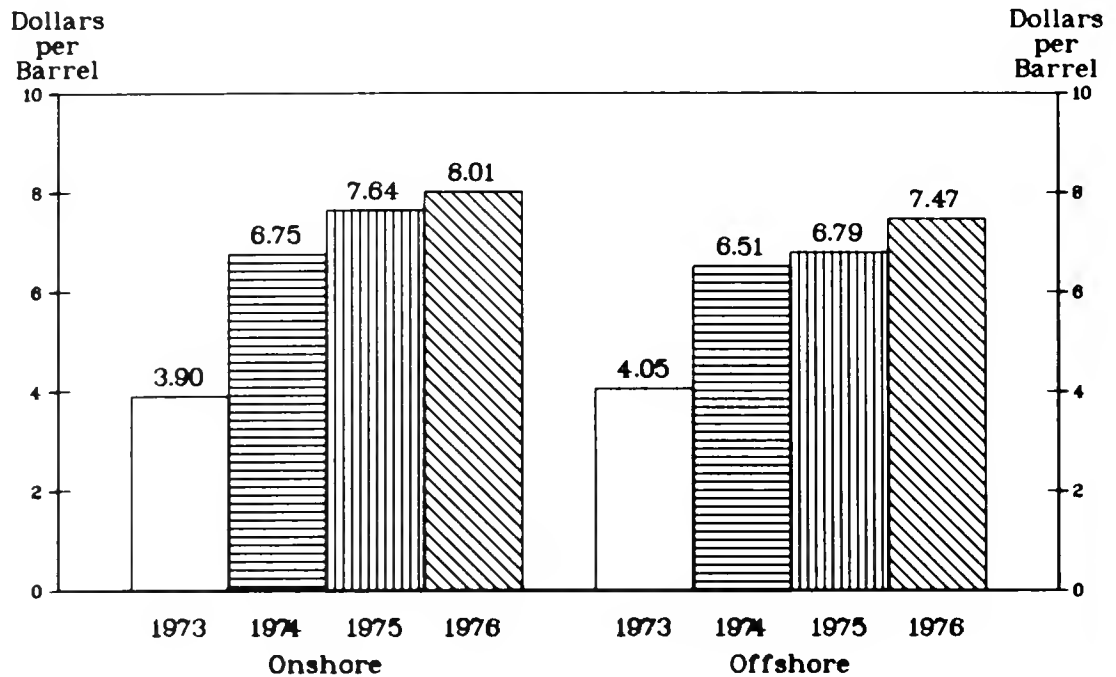


CHART H. PART 2, AVERAGE UNIT VALUES of ONSHORE and OFFSHORE  
NATURAL GAS: 1973 to 1976  
(Net company interest)

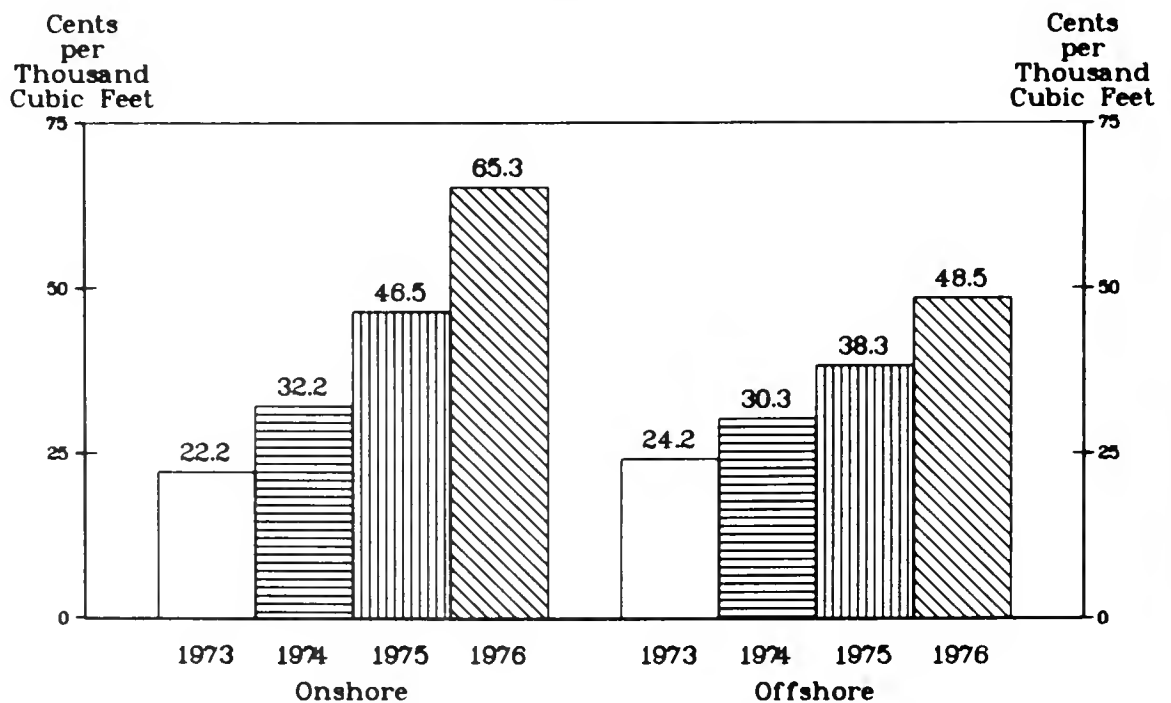




CHART I. DISTRIBUTION of SELECTED ITEMS for COMPANIES  
RANKED by TOTAL LEASE REVENUES:  
1973 to 1976  
(Net company interest)

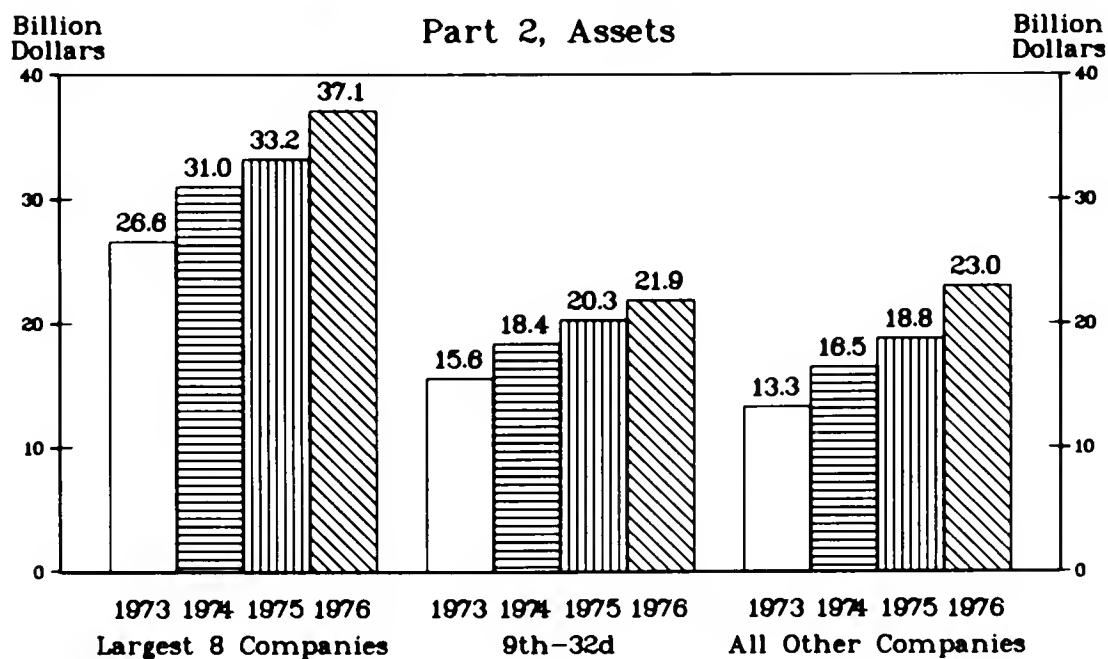
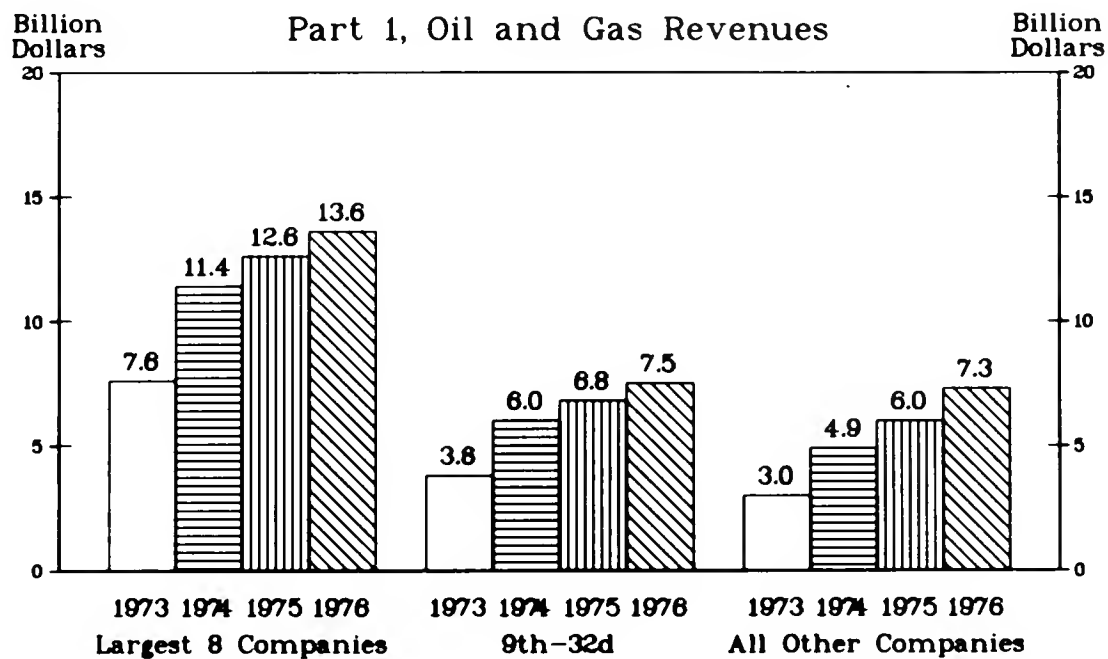


CHART J. DISTRIBUTION of SELECTED ITEMS  
BY GEOGRAPHIC AREAS: 1973 to 1976  
(Net company interest)

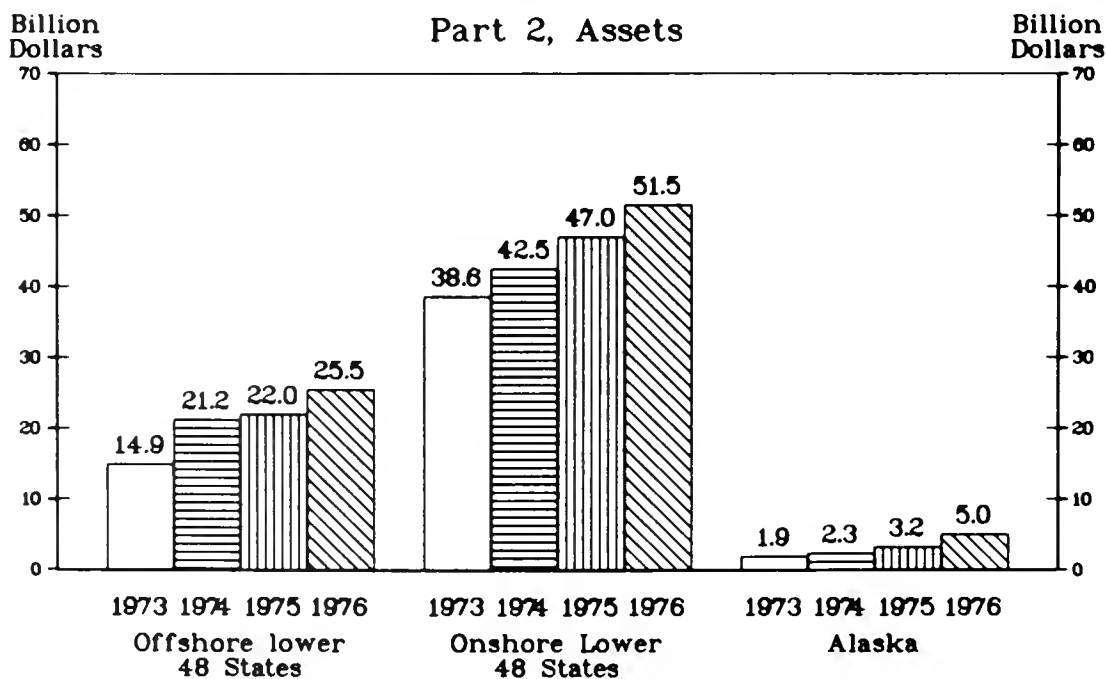
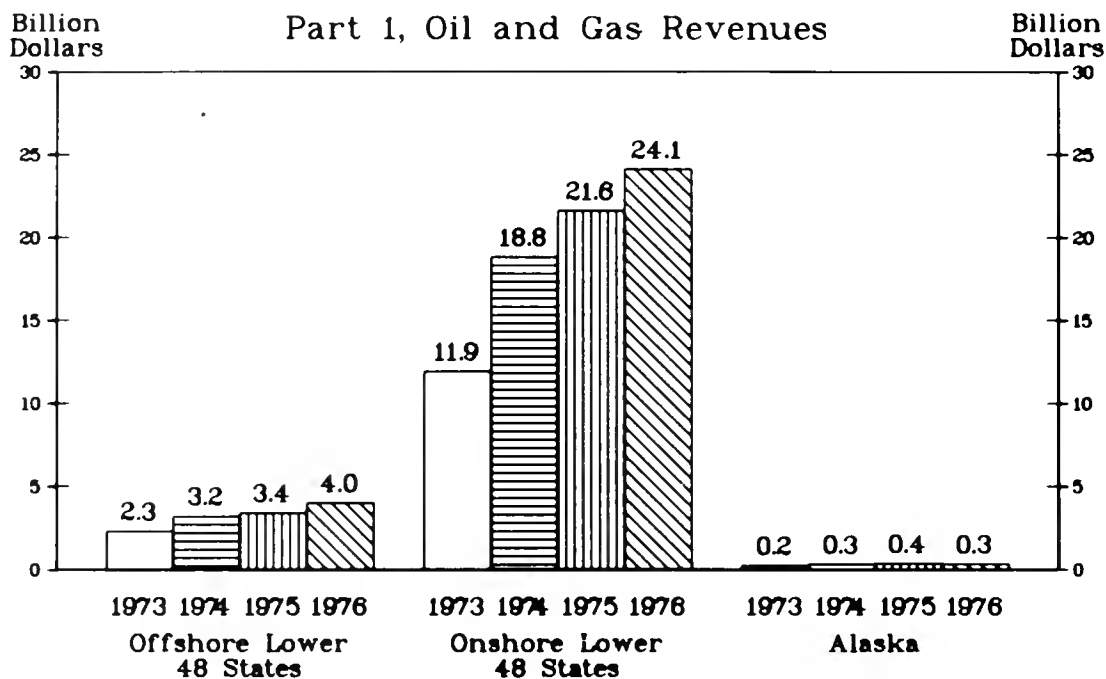


CHART K. EXPLORATION, DEVELOPMENT and PRODUCTION  
EXPENDITURES: 1973 to 1976  
(Net company interest)

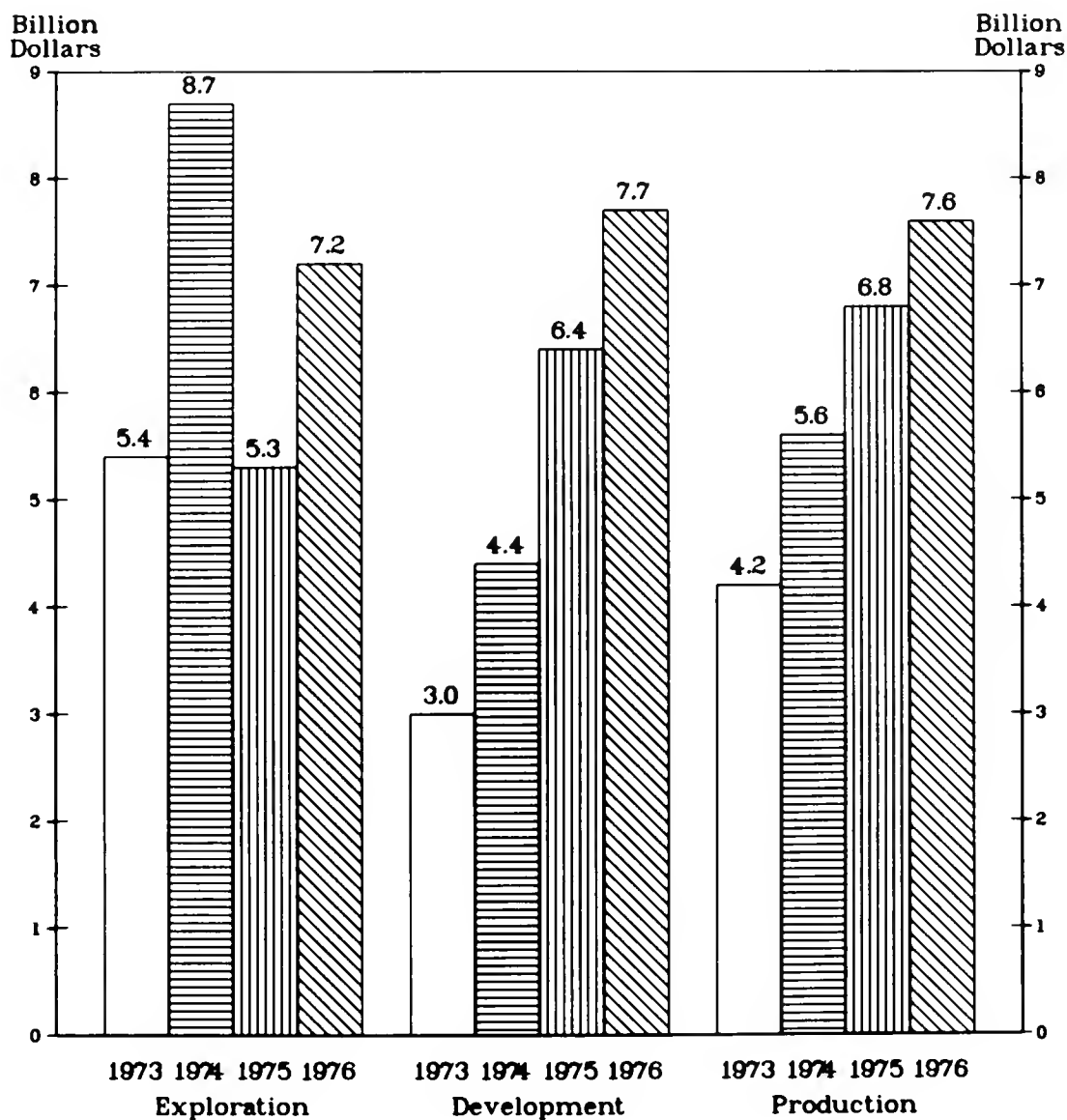


Table 1.--SELECTED STATISTICS RANKED BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1973 TO 1976

(Gross operator basis)								
Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volumes:								
Crude petroleum and condensate:								
1976.....	Mrl. bbl....	2,905.2	1,481.6	587.5	147.7	122.1	97.0	2,435.9
From stripper well leases.....	.....do.....	315.1	83.5	51.2	12.1	3.7	9.5	160.0
Lease condensate.....	.....do.....	147.5	57.8	30.2	14.7	7.4	6.2	116.3
1975.....	.....do.....	3,085.9	1,654.1	552.7	195.3	87.0	136.6	2,625.7
1974.....	.....do.....	3,159.3	1,707.5	581.3	200.9	90.0	113.7	2,693.3
1973.....	.....do.....	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
Natural gas:								
1976.....	Bil. cu. ft.	19,902.0	8,726.5	3,515.2	1,573.8	1,023.7	1,067.1	15,906.3
1975.....	.....do.....	20,454.6	8,898.3	3,863.9	1,242.8	1,147.8	1,054.2	16,207.0
1974.....	.....do.....	21,877.8	9,860.9	4,064.7	1,445.8	1,082.9	1,084.9	17,539.1
1973.....	.....do.....	22,314.7	11,322.3	3,577.7	1,528.6	1,174.2	902.3	18,505.1
Lease revenues:								
Crude petroleum and condensate:								
1976.....	Mil. dol....	22,936.4	11,537.7	4,279.4	1,218.4	785.7	851.7	18,673.0
Crude petroleum.....	.....do.....	21,712.2	11,079.5	4,052.5	1,063.3	723.8	784.7	17,703.8
Lease condensate.....	.....do.....	1,224.0	458.2	226.9	155.1	62.0	67.0	969.2
Crude petroleum and condensate:								
1975.....	.....do.....	22,851.9	11,960.9	3,948.3	1,317.1	598.1	1,075.2	18,899.6
1974.....	.....do.....	20,937.8	11,204.6	3,708.0	1,247.6	564.5	770.7	17,495.3
1973.....	.....do.....	13,039.6	7,035.5	2,448.3	741.1	394.9	483.5	11,103.3
Natural gas:								
1976.....	.....do.....	11,783.8	4,813.1	1,939.1	1,039.4	518.8	940.5	9,251.0
1975.....	.....do.....	8,928.6	3,858.5	1,618.2	567.0	481.3	492.7	7,017.8
1974.....	.....do.....	6,726.1	3,035.5	1,237.6	454.6	322.8	349.8	5,400.3
1973.....	.....do.....	5,064.1	2,493.1	793.6	380.0	253.8	239.0	4,159.5
Expenditures for drilling and equipping wells completed during the year:								
1976, total.....	.....do.....	6,908.1	1,821.5	783.1	498.0	498.7	734.6	4,335.8
Exploration.....	.....do.....	2,665.5	544.1	177.7	123.2	271.7	311.2	1,427.8
Development.....	.....do.....	4,242.6	1,277.4	605.4	374.8	227.0	423.4	2,908.0
1975, total.....	.....do.....	5,775.5	1,477.6	708.3	320.0	322.0	372.5	3,200.4
1974, total.....	.....do.....	4,198.5	1,139.9	538.2	248.8	166.0	262.6	2,355.4
1973, total.....	.....do.....	2,889.1	877.3	347.5	202.2	118.7	240.0	1,785.6
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1976, total.....	.....do.....	8,071.4	2,706.2	958.3	543.4	492.4	774.4	5,474.9
Exploration.....	.....do.....	2,920.2	728.4	249.9	156.9	193.8	335.7	1,664.7
Development.....	.....do.....	5,151.2	1,977.8	708.5	386.5	298.6	438.7	3,810.2
1975, total.....	.....do.....	6,506.9	1,865.5	815.3	396.4	442.0	412.4	3,931.7
1974, total.....	.....do.....	4,607.3	1,337.8	585.1	293.2	236.2	258.2	2,710.6
1973, total.....	.....do.....	3,193.8	1,094.5	367.2	221.3	122.2	266.2	2,071.5
Dry holes completed during the year:								
1976, total.....	.....do.....	1,972.4	550.6	213.7	121.0	130.0	224.0	1,239.1
Exploration.....	.....do.....	1,406.5	396.4	141.4	99.0	100.4	137.8	874.9
Development.....	.....do.....	565.9	154.2	72.3	22.0	29.6	86.2	364.2
1975, total.....	.....do.....	1,769.2	435.9	191.5	143.8	91.3	136.3	998.8
1974, total.....	.....do.....	1,562.2	394.7	229.1	104.4	49.1	108.0	885.4
1973, total.....	.....do.....	919.0	263.5	126.7	50.4	24.1	82.9	547.6
Oil wells completed during the year:								
1976, total.....	.....do.....	2,219.4	636.0	305.2	94.3	109.6	144.0	1,289.1
Exploration.....	.....do.....	395.8	36.8	6.9	2.6	16.9	36.3	99.5
Development.....	.....do.....	1,823.6	599.2	298.3	91.7	92.7	107.7	1,189.6
1975, total.....	.....do.....	2,052.0	655.3	288.9	60.5	90.2	119.9	1,214.7
1974, total.....	.....do.....	1,338.7	459.2	163.8	53.4	15.0	71.1	762.4
1973, total.....	.....do.....	1,050.3	384.2	123.3	68.2	23.5	78.9	678.1
Gas wells completed during the year:								
1976, total.....	.....do.....	2,716.2	635.0	264.5	282.8	259.2	366.4	1,807.8
Exploration.....	.....do.....	863.2	111.0	29.6	282.8	259.2	137.0	453.6
Development.....	.....do.....	1,853.0	524.0	234.9			229.4	1,354.2
1975, total.....	.....do.....	1,954.3	386.4	227.9	115.7	140.5	116.3	986.9
1974, total.....	.....do.....	1,297.5	286.1	145.2	90.9	101.9	83.5	707.6
1973, total.....	.....do.....	920.0	229.8	97.4	83.6	71.2	78.1	560.1
Work-in-progress adjustment:								
1976, total.....	.....do.....	1,163.2	884.7	175.3	45.4	-6.3	39.8	1,139.1
Exploration.....	.....do.....	254.7	184.3	72.2	33.7	-77.9	24.5	236.9
Development.....	.....do.....	908.5	700.4	103.1	11.7	71.6	15.3	902.2
1975, total.....	.....do.....	731.5	387.9	107.0	76.4	120.2	39.9	731.4
1974, total.....	.....do.....	408.8	197.9	46.9	44.4	70.2	-4.4	355.2
1973, total.....	.....do.....	305.0	217.2	19.7	19.1	3.5	26.2	285.8
Employment:								
1976.....	Thousands...	136.0	43.1	17.5	7.3	7.2	5.7	80.8
1975.....	.....do.....	136.7	39.9	18.4	6.9	8.5	5.4	79.1
1974.....	.....do.....	125.2	38.3	16.4	7.8	7.8	5.0	75.4
1973.....	.....do.....	123.5	38.3	17.5	6.5	6.9	4.8	74.0

See footnotes at end of table.

Table 1.--SELECTED STATISTICS RANKEO BY TOTAL VALUE OF CRUDE PETROLEUM, CONDENSATE, AND NATURAL GAS SALES: 1973 TO 1976--Continued

(Gross operator basis)								
Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1976.....	Mil. bbl....	69.9	78.9	2,584.6	58.8	34.9	2,678.3	226.9
From stripper well leases.....	.....do....	19.6	11.6	191.3	13.5	8.9	213.6	101.5
Lease condensate.....	.....do....	7.5	4.7	128.6	3.6	2.1	134.3	13.2
1975.....	.....do....	57.3	70.3	2,753.3	61.8	36.2	2,851.3	233.7
1974.....	.....do....	54.3	63.4	2,811.0	57.4	38.0	2,906.4	252.2
1973.....	.....do....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5
Natural gas:								
1976.....	Bil. cu. ft.	793.4	573.4	17,273.1	462.9	212.3	17,948.3	1,953.7
1975.....	.....do....	863.2	590.4	17,660.6	530.0	294.2	18,484.8	1,969.8
1974.....	.....do....	798.7	760.4	19,098.2	526.4	310.4	19,935.0	1,942.8
1973.....	.....do....	671.5	674.1	19,850.7	500.3	283.9	20,634.9	1,680.0
Lease revenues:								
Crude petroleum and condensate:								
1976.....	Mil. dol....	632.3	645.3	19,950.6	529.7	318.8	20,799.1	2,137.3
Crude petroleum.....	.....do....	581.2	600.1	18,885.0	499.9	299.6	19,684.5	2,027.7
Lease condensate.....	.....do....	51.2	45.2	1,065.5	29.7	19.2	1,114.5	109.5
Crude petroleum and condensate:								
1975.....	.....do....	504.4	573.6	19,977.6	519.1	301.8	20,798.5	2,053.4
1974.....	.....do....	373.6	476.2	18,345.1	429.6	250.9	19,025.6	1,912.3
1973.....	.....do....	245.2	252.3	11,600.9	240.3	157.4	11,998.5	1,041.1
Natural gas:								
1976.....	.....do....	497.9	418.9	10,167.8	313.9	142.2	10,623.9	1,159.9
1975.....	.....do....	435.8	301.4	7,755.0	253.5	135.2	8,143.8	784.8
1974.....	.....do....	273.3	220.3	5,893.9	177.7	99.6	6,171.1	555.0
1973.....	.....do....	161.5	173.3	4,494.2	116.9	67.2	4,678.4	385.8
Expenditures for drilling and equipping wells completed during the year:								
1976, total.....	.....do....	382.8	321.2	5,039.8	338.2	183.7	5,561.9	1,346.2
Exploration.....	.....do....	151.9	149.1	1,728.9	148.2	88.1	1,965.3	700.2
Development.....	.....do....	230.9	172.1	3,310.9	190.0	95.6	3,596.6	646.0
1975, total.....	.....do....	483.7	335.5	4,019.6	330.7	191.7	4,541.9	1,233.5
1974, total.....	.....do....	368.5	266.6	2,990.4	314.9	141.2	3,446.7	751.8
1973, total.....	.....do....	186.0	142.2	2,113.9	132.5	78.1	2,324.4	564.7
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1976, total.....	.....do....	370.7	337.9	6,183.6	335.8	184.9	6,704.4	1,366.9
Exploration.....	.....do....	143.1	155.6	1,963.4	150.8	91.6	2,205.9	714.3
Development.....	.....do....	227.8	182.3	4,220.2	185.0	93.3	4,498.5	652.6
1975, total.....	.....do....	448.5	338.4	4,718.6	337.2	194.1	5,250.1	1,256.8
1974, total.....	.....do....	400.9	276.5	3,388.0	281.9	143.1	3,813.1	794.2
1973, total.....	.....do....	175.0	151.8	2,398.3	135.4	80.0	2,613.6	580.2
Dry holes completed during the year:								
1976, total.....	.....do....	111.7	98.6	1,449.3	111.0	59.0	1,619.4	353.0
Exploration.....	.....do....	81.6	75.2	1,031.6	76.9	41.7	1,150.3	256.2
Development.....	.....do....	30.1	23.4	417.7	34.1	17.3	469.1	96.8
1975, total.....	.....do....	176.4	107.3	1,282.4	100.2	59.9	1,442.5	326.6
1974, total.....	.....do....	141.0	92.2	1,118.5	87.0	58.2	1,263.6	298.6
1973, total.....	.....do....	59.0	63.7	670.3	40.1	28.4	738.7	180.3
Oil wells completed during the year:								
1976, total.....	.....do....	75.0	110.6	1,474.7	103.7	75.0	1,653.5	565.9
Exploration.....	.....do....	11.1	22.6	133.2	33.7	24.0	190.9	204.9
Development.....	.....do....	63.9	88.0	1,341.5	70.0	51.0	1,462.6	361.0
1975, total.....	.....do....	96.3	88.6	1,399.5	110.4	62.2	1,572.2	479.7
1974, total.....	.....do....	81.8	111.8	956.1	77.4	33.5	1,067.0	271.7
1973, total.....	.....do....	46.0	35.7	759.7	45.8	24.2	829.8	220.5
Gas wells completed during the year:								
1976, total.....	.....do....	195.9	112.1	2,115.8	123.6	49.7	2,289.0	427.2
Exploration.....	.....do....	59.1	51.4	564.1	37.6	22.5	624.1	239.1
Development.....	.....do....	136.8	60.7	1,551.7	86.0	27.2	1,664.9	188.1
1975, total.....	.....do....	211.0	139.6	1,337.5	120.1	69.6	1,527.2	427.2
1974, total.....	.....do....	145.5	62.7	915.9	150.6	49.5	1,115.9	181.6
1973, total.....	.....do....	81.1	42.8	684.0	46.6	25.4	756.1	163.9
Work-in-progress adjustment:								
1976, total.....	.....do....	-11.9	16.7	1,143.8	-2.4	1.2	1,142.5	20.7
Exploration.....	.....do....	-8.8	6.5	234.5	2.6	3.5	240.6	14.1
Development.....	.....do....	-3.1	10.2	909.3	-5.0	-2.3	901.9	6.6
1975, total.....	.....do....	-35.2	3.0	699.3	6.5	2.4	708.2	23.4
1974, total.....	.....do....	32.4	9.9	397.6	-33.0	1.9	366.4	42.4
1973, total.....	.....do....	-11.0	9.6	284.4	2.6	2.0	289.0	16.0
Employment:								
1976.....	Thousands...	5.3	4.4	90.4	4.6	2.5	97.4	38.6
1975.....	.....do....	3.6	4.8	87.5	6.1	2.7	96.3	40.4
1974.....	.....do....	3.7	3.6	82.7	3.8	2.5	89.0	36.2
1973.....	.....do....	4.3	2.4	80.7	4.0	1.7	86.5	37.0

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures incurred during the year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 2.--Gross Operator Basis Statistics: 1973 to 1976

Item	Unit of measure	1976	1975	1974	1973	INDEX (1976=100)		
						1975	1974	1973
Sales Volumes:								
Crude petroleum and condensate.....	Mil. bbl.....	2,905.2	3,085.9	3,159.3	3,347.7	106.2	108.7	115.2
From stripper well leases.....	...do.....	315.1	302.0	291.7	259.2	95.8	92.6	82.3
Lease condensate.....	...do.....	147.5	154.6	157.6	165.9	104.8	106.8	112.5
Natural gas.....	Bil. cu. ft..	19,902.0	20,454.6	21,877.8	22,314.7	102.8	109.9	112.1
Lease Revenues:								
Crude petroleum and condensate.....	Mil. do.....	22,936.4	22,851.9	20,937.8	13,039.6	99.6	91.3	56.9
Crude petroleum.....	...do.....	21,712.2	21,687.5	19,845.7	12,343.9	99.9	91.4	56.9
Lease condensate.....	...do.....	1,224.0	1,164.4	1,092.1	695.7	95.1	89.2	56.8
Natural gas.....	...do.....	11,783.8	8,928.6	6,726.1	5,064.1	75.8	57.1	43.0
Unit Values:								
Crude petroleum and condensate.....	dol. per bbl.	7.89	7.41	6.63	3.90	93.9	84.0	49.4
Natural gas.....	dol. per. 1000 cu. ft.	.59	.44	.31	.23	74.6	52.5	39.0
Expenditures:								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> .....	Mil. dol.....	2,920.2	2,555.8	1,879.9	1,116.2	87.5	64.4	38.2
Dry holes.....	...do.....	1,406.5	1,317.5	1,156.6	661.1	93.7	82.2	47.0
Oil.....	...do.....	395.8	365.9	220.2	137.1	92.4	55.6	34.6
Gas.....	...do.....	863.2	658.4	376.7	212.7	76.3	43.6	24.6
Work in progress adjustment.....	...do.....	254.7	214.0	126.4	105.6	84.0	49.6	41.5
Development expenditures:								
Drilling and equipping wells <sup>1</sup> .....	...do.....	5,151.2	3,951.2	2,727.4	2,077.6	76.7	52.9	40.3
Dry holes.....	...do.....	565.9	451.7	405.6	257.9	79.8	71.7	45.6
Oil.....	...do.....	1,823.6	1,686.0	1,118.5	913.2	92.5	61.3	50.1
Gas.....	...do.....	1,853.0	1,295.9	920.8	707.3	69.9	49.7	38.2
Work in progress adjustment.....	...do.....	908.5	517.5	282.4	199.4	57.0	31.1	21.9
Employment.....	Thousands....	136.0	136.7	125.2	123.5	100.5	92.1	90.8

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures incurred during the year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 3.--DETAILED NET COMPANY INTEREST STATISTICS: 1973 TO 1976

Item	Unit of measure	1976	1975	1974	1973	INDEX (1976=100)		
						1975	1974	1973
Sales volumes:								
Crude petroleum and condensate...	Mil. bbl....	2,347.6	2,414.0	2,512.5	2,643.1	102.8	107.0	112.5
From stripper well leases.....	.....do.....	269.6	243.8	235.6	206.7	90.4	87.3	76.6
Lease condensate.....	.....do.....	112.4	116.5	122.5	131.9	103.6	108.9	117.3
Natural gas.....	8il. cu. ft.	15,893.1	16,138.3	17,495.5	18,057.3	101.5	110.0	113.6
Lease revenues.....								
Crude petroleum and condensate...	Mil. dol....	29,366.8	26,237.5	23,051.4	14,909.7	89.3	78.4	50.7
Crude petroleum.....	.....do.....	18,624.1	18,142.2	16,772.5	10,345.6	97.4	90.0	55.5
Lease condensate.....	.....do.....	17,707.0	17,250.9	15,924.8	9,802.3	97.4	89.9	55.3
Natural gas.....	.....do.....	917.0	891.2	847.7	543.2	97.1	92.4	59.2
Income received from oil and gas royalties.....	.....do.....	9,771.7	7,240.9	5,552.0	4,058.8	74.1	56.8	41.5
Other lease revenues from producing operations.....	.....do.....	856.3	767.3	651.4	438.7	89.6	76.0	51.2
Expenditures, total.....	.....do.....	114.5	87.1	75.6	66.6	76.0	66.0	58.1
Capitalized.....	.....do.....	22,558.7	18,558.7	18,706.1	12,694.2	82.2	82.9	56.2
Expensed.....	.....do.....	11,663.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	.....do.....	10,895.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Expenditures by type:								
Exploration expenditures.....	.....do.....	7,183.9	5,310.3	8,658.8	5,446.2	73.9	120.5	75.8
Drilling and equipping wells <sup>1</sup> ..	.....do.....	2,467.1	2,124.2	1,580.5	944.2	86.1	64.0	38.2
Dry holes.....	.....do.....	1,292.4	1,147.9	911.7	557.7	88.8	70.5	43.1
Oil.....	.....do.....	368.2	287.3	177.5	113.4	78.0	48.2	30.7
Gas.....	.....do.....	666.6	511.6	308.8	194.1	76.7	46.3	29.1
Work-in-progress adjustment..	.....do.....	139.7	177.5	182.5	79.2	127.0	130.6	56.6
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3	1,614.5	5,774.0	3,552.0	53.3	190.9	117.4
Land department, leasing and scouting.....	.....do.....	126.3	113.4	90.6	76.5	89.7	71.7	60.5
Geological and geophysical....	.....do.....	692.3	652.8	567.6	399.5	94.2	81.9	57.7
Lease rents.....	.....do.....	206.7	204.7	177.8	150.7	99.0	86.0	72.9
Test hole contributions.....	.....do.....	21.7	16.9	8.9	13.8	77.8	41.0	63.5
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	242.0	168.6	106.0	100.5	70.0	44.0
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	341.7	290.9	203.6	84.4	71.8	50.2
Development expenditures.....								
Drilling and equipping wells <sup>1</sup> ..	.....do.....	7,734.8	6,422.6	4,413.1	3,039.3	83.0	57.0	39.2
Dry holes.....	.....do.....	4,154.4	3,354.6	2,265.2	1,766.8	80.7	54.5	42.5
Oil.....	.....do.....	453.4	396.0	305.2	225.7	87.3	67.3	49.7
Gas.....	.....do.....	1,587.6	1,391.6	984.6	788.1	87.6	62.0	49.6
Work-in-progress adjustment..	.....do.....	1,465.4	1,122.3	745.8	623.6	76.5	50.8	42.5
	.....do.....	648.0	444.9	229.6	129.5	68.6	35.4	19.9
Lease equipment.....	.....do.....	1,486.8	1,499.6	824.1	572.2	100.8	55.4	38.4
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	303.4	474.0	183.1	79.5	124.2	48.0
Fluid injection and improved recovery programs.....	.....do.....	378.4						
Other development expenditures.	.....do.....	978.9	928.9	625.4	352.5	68.4	46.0	25.9
General and administrative overhead not reported elsewhere.....	.....do.....	354.8	336.1	224.4	164.6	94.7	63.2	46.3
Production expenditures.....								
Direct operating expenditures..	.....do.....	7,639.9	6,825.8	5,634.2	4,208.5	89.3	73.7	55.0
Operating and maintenance....	.....do.....	4,507.4	3,952.9	3,246.4	2,593.6	87.6	72.0	57.5
Well workovers.....	.....do.....	3,647.2	3,140.0	2,577.1	2,071.2	86.0	70.6	56.7
Other direct expenses.....	.....do.....	577.2	530.5	441.3	341.6	91.0	76.4	59.1
	.....do.....	283.0	282.4	228.0	180.7	99.7	80.5	63.8
Indirect operating expenditures.....	.....do.....	3,132.5	2,872.8	2,387.7	1,615.0	91.6	76.1	51.5
Taxes (excluding income taxes).....	.....do.....	1,897.9	1,746.1	1,534.1	924.6	91.9	80.7	48.6
General and administrative overhead.....	.....do.....	865.5	768.8	601.4	496.8	88.8	69.4	57.4
Other indirect expenses.....	.....do.....	369.1	358.0	252.1	193.5	96.9	68.3	52.4
Gross book value of fixed assets.....								
Oil and gas field properties.....	.....do.....	82,019.5	72,289.8	65,944.4	55,468.7	88.1	80.4	67.6
Nonproducing properties.....	.....do.....	80,073.0	70,654.8	64,543.7	54,484.0	88.2	80.6	68.0
Producing properties.....	.....do.....	14,653.5	12,894.8	14,062.8	8,871.0	87.9	95.9	60.5
Work-in-progress.....	.....do.....	60,293.3	53,846.4	48,040.5	44,280.1	89.3	79.6	73.4
	.....do.....	5,126.3	3,913.6	2,440.3	1,332.9	76.3	47.6	26.0
Buildings, other structures, and machinery.....	.....do.....	1,946.4	1,634.9	1,400.7	984.6	83.9	71.9	50.5

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available.

<sup>1</sup>Represents drilling and equipping expenditures incurred during the year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipped expenditures for wells completed during the survey year.

Table 4.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,347.6	1,195.2	463.5	143.4	62.0	65.1
From stripper well leases.....	....do.....	269.6	69.5	49.5	10.7	4.8	17.8
Lease condensate.....	....do.....	112.4	48.9	23.0	6.5	5.1	6.0
Natural gas.....	Bil. cu. ft.	15,893.1	7,071.2	3,040.4	795.3	616.3	1,063.4
Lease revenues.....							
Crude petroleum and condensate...	Mil. dol....	29,366.8	13,827.2	5,181.6	1,789.3	870.7	1,344.1
Crude petroleum.....	....do.....	18,624.1	9,303.5	3,394.4	1,171.5	442.0	578.3
Crude petroleum.....	....do.....	17,707.0	8,904.8	3,223.8	1,107.8	401.1	527.3
Lease condensate.....	....do.....	917.0	398.7	170.5	63.7	40.9	51.1
Natural gas.....	....do.....	9,771.7	4,295.8	1,611.0	487.6	390.2	735.8
Income received from oil and gas royalties.....	....do.....	856.3	198.2	163.1	123.2	36.6	27.6
Other lease revenues from producing operations.....	....do.....	114.5	29.8	13.1	6.9	1.9	2.4
Expenditures:							
Capitalized.....	....do.....	11,663.2	4,764.2	1,554.4	581.3	542.5	1,388.5
Expensed.....	....do.....	10,895.5	4,669.0	1,834.7	680.5	321.0	477.8
Total expenditures.....	....do.....	22,558.7	9,433.2	3,389.1	1,261.8	863.5	1,866.2
Exploration expenditures.....	....do.....	7,183.9	2,821.7	978.4	476.1	311.5	524.1
Drilling and equipping wells <sup>1</sup> .....	....do.....	2,467.1	589.7	212.7	124.3	118.4	230.5
Dry holes.....	....do.....	1,292.4	356.8	125.9	92.7	59.6	99.4
Oil.....	....do.....	368.2	38.7	15.4	1.9	13.0	14.3
Gas.....	....do.....	666.6	96.0	27.1	33.8	37.6	98.0
Work-in-progress adjustment.....	....do.....	139.7	98.2	44.3	-4.1	8.1	18.9
Lease and land acquisitions of nonproducing acreage.....	....do.....	3,024.3	1,444.3	511.9	249.6	114.3	189.8
Land department, leasing and scouting.....	....do.....	126.3	36.6	20.8	8.5	11.0	7.9
Geological and geophysical.....	....do.....	692.3	390.4	112.0	45.5	35.3	32.6
Lease rents.....	....do.....	206.7	66.8	25.8	11.7	11.9	19.9
Test hole contributions.....	....do.....	21.7	11.0	1.9	0.6	0.3	1.4
Other exploration expenditures, including direct overhead.....	....do.....	240.6	95.8	58.7	16.7	10.0	17.9
General and administrative overhead not reported elsewhere.....	....do.....	404.8	187.1	34.6	19.4	10.2	24.1
Development expenditures.....	....do.....	7,734.8	3,170.7	1,043.0	386.4	352.2	1,031.8
Drilling and equipping wells <sup>1</sup> .....	....do.....	4,154.4	1,615.6	621.2	249.5	136.0	350.5
Dry holes.....	....do.....	453.4	137.2	71.1	17.7	21.7	42.7
Oil.....	....do.....	1,587.6	583.7	247.5	71.1	44.3	75.7
Gas.....	....do.....	1,465.4	445.7	223.5	116.0	60.8	176.0
Work-in-progress adjustment.....	....do.....	648.0	448.9	79.1	44.7	9.2	56.2
Lease equipment.....	....do.....	1,486.8	871.0	200.2	69.3	200.4	103.9
Lease and land acquisitions of producing acreage.....	....do.....	381.4	240.6		0.2		
Fluid injection and improved recovery programs.....	....do.....	378.4		79.5	31.0	3.0	9.0
Other development expenditures.....	....do.....	978.9	86.4	9.5	2.5		
General and administrative overhead not reported elsewhere.....	....do.....	354.8	156.6	55.6	26.9	10.3	24.1
Production expenditures.....	....do.....	7,639.9	3,440.8	1,367.7	399.3	199.9	310.3
Direct operating expenditures.....	....do.....	4,507.4	1,962.4	817.5	252.0	117.8	190.8
Operating and maintenance.....	....do.....	3,647.2	1,475.6	719.0	221.0	94.5	158.2
Well workovers.....	....do.....	577.2	324.9	98.4	31.0	15.2	20.8
Other direct expenses.....	....do.....	283.0	161.9			8.0	11.8
Indirect operating expenditures.....	....do.....	3,132.5	1,478.4	550.3	147.4	82.0	119.6
Taxes (excluding income taxes).....	....do.....	1,897.9	986.6	337.6	113.3	65.5	92.2
General and administrative overhead.....	....do.....	865.5	325.6	140.9	31.6	16.6	27.4
Other indirect expenses.....	....do.....	369.1	166.2	71.8	2.4		
Gross book value of fixed assets.....	....do.....	82,019.5	37,062.1	14,301.3	4,898.5	2,728.6	6,630.2
Oil and gas field properties.....	....do.....	80,073.0	36,448.9	14,136.8	4,807.6	2,656.2	6,483.7
Nonproducing properties.....	....do.....	14,653.5	6,260.4	2,211.0	1,192.8	443.4	1,238.0
Producing properties.....	....do.....	60,293.3	27,972.7	11,223.9	3,483.4	2,212.8	5,245.7
Work-in-progress.....	....do.....	5,126.3	2,215.9	701.9	131.4		
Buildings, other structures, and machinery.....	....do.....	1,946.4	613.2	164.4	90.9	72.3	146.5
See footnotes at end of table.							



Table 4.--DETAILED STATISTICS RANKED BY TOTAL LEASE REVENUES: 1976--Continued

(Net company interest basis)									
Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	1,929.3	46.4	55.3	2,031.0	48.0	27.5	2,106.5	241.1
From stripper well leases.....	....do.....	152.3	5.8	7.4	165.5	10.0	5.2	180.7	88.9
Lease condensate.....	....do.....	89.5	2.8	2.9	95.2	3.4	2.0	100.7	11.8
Natural gas.....	Bil. cu. ft.	12,586.5	570.1	480.6	13,637.2	345.9	199.7	14,182.8	1,710.3
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	23,012.9	826.7	824.6	24,664.1	716.1	394.9	25,774.9	3,591.9
Crude petroleum.....	....do.....	14,889.6	412.6	487.7	15,790.0	425.8	233.5	16,449.4	2,174.8
Crude petroleum.....	....do.....	14,164.7	385.7	459.1	15,009.6	397.5	214.2	15,621.3	2,085.7
Lease condensate.....	....do.....	724.9	26.9	28.6	780.4	28.3	19.4	828.1	88.9
Natural gas.....	....do.....	7,520.4	361.9	308.5	8,190.8	254.4	136.9	8,582.0	1,189.7
Income received from oil and gas royalties.....	....do.....	548.6	52.1	28.2	609.9	25.9	20.6	656.3	199.8
Other lease revenues from producing operations.....	....do.....	54.2			73.3	9.9	3.8	87.0	27.5
Expenditures:									
Capitalized.....	....do.....	8,830.8	498.7	319.7	9,649.1	308.9	276.7	10,234.8	1,428.4
Expensed.....	....do.....	7,983.1	292.4	308.1	8,583.7	310.9	185.1	9,079.7	1,815.7
Total expenditures.....	....do.....	16,813.9	791.1	627.8	18,232.9	619.9	461.8	19,314.5	3,244.1
Exploration expenditures.....	....do.....	5,111.8	287.4	204.5	5,603.7	225.2	195.5	6,024.4	1,159.5
Drilling and equipping wells <sup>1</sup> .....	....do.....	1,275.7	124.6	95.2	1,495.4	138.8	87.9	1,722.1	745.0
Dry holes.....	....do.....	734.5	95.0	61.1	890.6	72.6	39.7	1,002.9	289.5
Oil.....	....do.....	83.4	11.8	16.4	111.6	24.6	14.5	150.7	217.6
Gas.....	....do.....	292.5	34.6	17.1	344.2	34.6	30.6	409.5	257.2
Work-in-progress adjustment.....	....do.....	165.3	-16.9	.6	149.0	7.0	3.0	159.1	-19.3
Lease and land acquisitions of nonproducing acreage.....	....do.....	2,509.8	104.5	58.5	2,672.8	53.7	76.2	2,802.7	221.6
Land department, leasing and scouting.....	....do.....	84.7	7.0	4.8	96.5	5.5	3.1	105.1	21.2
Geological and geophysical.....	....do.....	615.9	19.0	10.4	645.3	8.8	6.6	660.7	31.6
Lease rents.....	....do.....	136.0	13.1	12.2	157.4	6.6	6.5	170.5	36.3
Test hole contributions.....	....do.....	15.2			19.0	.1	.2	19.3	2.4
Other exploration expenditures, including direct overhead.....	....do.....	199.2	7.2	10.3	216.6	3.8	3.2	223.6	17.0
General and administrative overhead not reported elsewhere.....	....do.....	275.4	12.0	13.2	300.7	7.8	11.8	320.3	84.5
Development expenditures.....									
Drilling and equipping wells <sup>1</sup> .....	....do.....	5,983.9	300.4	219.5	6,503.8	198.3	158.2	6,860.3	874.5
Dry holes.....	....do.....	2,972.7	161.9	140.0	3,274.6	143.5	112.6	3,530.8	623.6
Oil.....	....do.....	290.5	18.6	20.5	329.6	16.3	11.8	357.7	95.7
Gas.....	....do.....	1,022.4	66.9	64.6	1,153.9	69.5	35.9	1,259.4	328.2
Work-in-progress adjustment.....	....do.....	1,021.9	79.1	54.6	1,155.3	56.0	64.7	1,276.0	189.4
Lease equipment.....	....do.....	638.0	-2.7	.3	635.6	1.6	.2	637.5	10.5
Lease and land acquisitions of producing acreage.....	....do.....	1,229.5	43.3	48.5	1,321.4	24.2	18.1	1,363.7	123.1
Fluid injection and improved recovery programs.....	....do.....	227.0	68.7	8.2	303.9	15.3	8.7	327.9	53.5
Other development expenditures.....	....do.....	351.7	13.4	5.9	371.0	3.1	.5	374.6	3.8
General and administrative overhead not reported elsewhere.....	....do.....	929.4	4.9	5.5	939.8	6.2	8.8	954.8	24.2
Production expenditures.....	....do.....	273.4	8.2	11.3	292.9	6.1	9.4	308.4	46.5
Direct operating expenditures.....	....do.....	5,718.0	203.4	203.8	6,125.2	196.4	108.1	6,429.7	1,210.2
Operating and maintenance.....	....do.....	3,340.4	120.0	126.6	3,587.1	120.4	64.8	3,772.4	735.0
Well workovers.....	....do.....	2,668.3	103.7	102.1	2,874.1	104.5	57.7	3,036.3	610.9
Other direct expenses.....	....do.....	467.1	10.8	14.0	491.8	8.7	5.2	505.7	71.5
Indirect operating expenditures.....	....do.....	205.0	5.6	10.6	221.2	7.3	1.9	230.4	52.6
Taxes (excluding income taxes).....	....do.....	2,377.7	83.4	77.1	2,538.1	75.9	43.4	2,657.5	475.0
General and administrative overhead.....	....do.....	1,595.2	49.6	44.2	1,689.0	31.7	20.8	1,741.4	156.5
Other indirect expenses.....	....do.....	535.5	33.8	32.9	581.3	24.0	19.3	624.6	240.8
Gross book value of fixed assets.....	....do.....	247.0			267.9	20.3	3.3	291.4	77.7
Oil and gas field properties.....	....do.....	65,620.6	2,931.9	2,487.8	71,040.3	1,979.3	1,213.5	74,233.1	7,786.4
Nonproducing properties.....	....do.....	64,533.3	2,899.7	2,439.7	69,872.6	1,893.5	1,127.9	72,894.0	7,179.0
Producing properties.....	....do.....	11,345.6	782.1	431.0	12,558.7	333.0	273.8	13,165.4	1,488.0
Work-in-progress.....	....do.....	48,799.6	1,995.1	1,834.1	52,628.8	1,447.9	828.7	54,905.4	5,387.9
Buildings, other structures, and machinery.....	....do.....	4,388.1	122.5	174.6	4,685.2	112.6	25.3	4,823.2	303.1
	....do.....	1,087.3	32.2	48.0	1,167.6	85.8	85.6	1,339.0	607.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 5.--DETAILED STATISTICS BY GEOGRAPHICAL AREA AND BY OPERATOR: 1976

(Net company interest basis)								
Item	Unit of measure	Total United States	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Non-owner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Sales volumes:								
Crude petroleum and condensate...	Mil. bbl....	2,347.6	7.5	48.0	1,992.5	299.6	1,665.3	682.2
From stripper well leases.....	....do.....	269.6	-	-	266.5	3.1	218.8	50.6
Lease condensate.....	....do.....	112.4	-	-	85.1	27.3	77.1	35.3
Natural gas.....	Bil. cu. ft.	15,893.1	128.4		12,373.7	3,491.0	11,523.6	4,369.4
Lease revenues.....	Mil. dol....	29,366.8	67.5	(D)	25,018.5	(D)	20,373.8	8,993.0
Crude petroleum and condensate...	....do.....	18,624.1	37.7	247.6	15,988.7	2,350.1	13,330.1	5,294.0
Crude petroleum.....	....do.....	17,707.0	37.7	247.6	15,299.2	2,122.4	12,693.3	5,013.9
Lease condensate.....	....do.....	917.0	(Z)	-	689.4	277.7	636.8	280.1
Natural gas.....	....do.....	9,771.7	46.5		8,081.7	1,643.5	6,951.5	2,820.4
Income received from oil and gas royalties.....	....do.....	856.3	-	.3	844.3	11.5	(X)	856.3
Other lease revenues from producing operations.....	....do.....	114.5	(D)	.4	103.6	(D)	92.2	22.3
Expenditures:								
Capitalized.....	....do.....	11,663.2	(X)	(X)	(X)	(X)	(X)	(X)
Expensed.....	....do.....	10,895.5	(X)	(X)	(X)	(X)	(X)	(X)
Total expenditures.....	....do.....	22,558.7	(X)	(X)	(X)	(X)	(X)	(X)
Exploration expenditures.....	....do.....	7,183.9	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup> .....	....do.....	2,467.1	76.4	30.9	1,672.8	686.9	1,602.0	865.1
Dry holes.....	....do.....	1,292.4	35.8	13.1	795.3	448.2	813.9	478.5
Oil.....	....do.....	368.2	40.6	-	321.7	238.7	254.2	113.9
Gas.....	....do.....	666.6		-	545.4		385.9	280.7
Work-in-progress adjustment..	....do.....	139.7		17.8	10.5		147.9	-8.0
Lease and land acquisitions of nonproducing acreage.....	....do.....	3,024.3	2.6	509.9	770.3	1,741.5	(X)	(X)
Land department, leasing and scouting.....	....do.....	126.3	2.0	.6	118.3	5.4	(X)	(X)
Geological and geophysical.....	....do.....	692.3	57.0	47.2	481.1	107.1	(X)	(X)
Lease rents.....	....do.....	206.7	2.2	3.5	182.8	24.1	(X)	(X)
Test hole contributions.....	....do.....	21.7	.1		15.7		(X)	(X)
Other exploration expenditures, including direct overhead.....	....do.....	240.6	(X)	(X)	(X)	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	....do.....	404.8	(X)	(X)	(X)	(X)	(X)	(X)
Development expenditures.....	....do.....	7,734.8	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1</sup> .....	....do.....	4,154.4	177.1	25.9	2,714.7	1,236.6	2,874.6	1,279.9
Dry holes.....	....do.....	453.4	177.1	25.9	357.2	(D)	330.9	122.6
Oil.....	....do.....	1,587.6			1,212.6	313.8	1,129.1	458.5
Gas.....	....do.....	1,465.4			1,012.3	(D)	962.9	502.5
Work-in-progress adjustment..	....do.....	648.0			132.6	379.6	451.7	196.3
Lease equipment.....	....do.....	1,486.8	(D)	6.4	668.2	427.2	1,752.9	1,472.6
Lease and land acquisitions of producing acreage.....	....do.....	381.4	-	(D)	358.1			
Fluid injection and improved recovery programs.....	....do.....	378.4	(X)	(X)	(X)	(X)		
Other development expenditures.....	....do.....	978.9	(X)	(X)	(X)	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	....do.....	354.8	(X)	(X)	(X)	(X)	(X)	(X)
Production expenditures.....	....do.....	7,639.9	(X)	(X)	(X)	(X)	(X)	(X)
Direct operating expenditures..	....do.....	4,507.4	23.1	57.2	3,878.4	548.7	3,366.1	1,141.1
Operating and maintenance....	....do.....	3,647.2	17.8	46.7	3,177.3	405.3	(X)	(X)
Well workovers.....	....do.....	577.2	1.9	10.5	467.3	143.3	(X)	(X)
Other direct expenses.....	....do.....	283.0	3.3		233.8		(X)	(X)
Indirect operating expenditures.....	....do.....	3,132.5	(X)	(X)	(X)	(X)	(X)	(X)
Taxes (excluding income taxes).....	....do.....	1,897.9	21.6	27.7	1,778.7	70.1	1,341.1	556.8
General and administrative overhead.....	....do.....	865.5	(X)	(X)	(X)	(X)	(X)	(X)
Other indirect expenses.....	....do.....	369.1	5.2	(D)	324.0	(D)	289.7	79.3
Gross book value of fixed assets.....	....do.....	82,019.5	3,671.1	1,309.9	51,522.0	25,516.5	(X)	(X)
Oil and gas field properties.....	....do.....	80,073.0	3,532.7	1,308.2	49,848.4	25,383.7	(X)	(X)
Nonproducing properties.....	....do.....	14,653.5	646.0	602.7	4,353.4	9,051.4	(X)	(X)
Producing properties.....	....do.....	60,293.3	748.0	628.0	44,095.7	14,821.6	(X)	(X)
Work-in-progress.....	....do.....	5,126.3	2,138.8	77.5	1,399.4	1,510.6	(X)	(X)
Buildings, other structures, and machinery.....	....do.....	1,946.4	138.4	1.6	1,673.6	132.8	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

(X) Not applicable.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior years expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 6.--DETAILED STATISTICS GROUPED BY CRUDE PETROLEUM AND CONDENSATE UNIT VALUES

(Net company interest basis)

Item	Unit of measure	Total United States	Dollars per barrel							
			0.00-6.24	6.25-6.74	6.75-7.24	7.25-7.74	7.75-8.24	8.25-8.74	8.75-9.24	9.25 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,347.6	75.4	93.5	222.7	594.0	970.9	99.1	66.6	225.4
From stripper well leases.....	.....do.....	269.6	7.4	6.3	26.1	62.7	54.7	14.3	8.6	89.4
Lease condensate.....	.....do.....	112.4	4.4	6.1	10.8	21.7	47.2	4.8	3.4	14.2
Natural gas.....	Bil. cu. ft.	15,893.1	457.5	591.7	1,502.1	3,325.8	6,402.6	584.9	623.7	2,404.8
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	29,366.8	782.0	965.1	2,516.8	6,556.3	11,865.7	1,269.6	1,082.4	4,329.1
Crude petroleum and condensate...	.....do.....	18,624.1	415.0	613.0	1,562.1	4,427.3	7,728.6	822.9	605.8	2,449.4
Crude petroleum.....	.....do.....	17,707.0	387.1	569.8	1,488.6	4,257.6	7,334.5	783.1	574.5	2,311.8
Lease condensate.....	.....do.....	917.0	28.0	43.3	73.5	169.8	394.1	39.8	31.2	137.4
Natural gas.....	.....do.....	9,771.7	313.2	320.8	870.4	1,909.8	3,856.6	408.5	380.0	1,712.4
Income received from oil and gas royalties.....	.....do.....	856.3	71.8		76.9	205.7	253.3	35.3	84.6	128.6
Other lease revenues from producing operations.....	.....do.....	114.5	13.3		7.3	13.3	27.2	2.9	11.8	38.7
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	.....do.....	22,558.7	803.9	702.4	1,870.3	4,664.6	8,484.7	908.8	796.3	4,327.7
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7,183.9	239.1	287.3	590.2	1,484.1	2,313.3	366.1	295.7	1,608.0
Dry holes.....	.....do.....	2,467.1	118.9	145.5	217.2	349.3	525.4	144.2	140.8	825.9
Oil.....	.....do.....	1,292.4	55.1	78.2	123.5	187.6	309.1	85.6	70.0	383.2
Gas.....	.....do.....	368.2	28.2	12.5	11.0	32.3	46.1	26.1	13.9	198.0
Work-in-progress adjustment.....	.....do.....	666.6	28.6	30.9	77.9	57.4	97.5	44.5	64.9	265.0
Lease and land acquisitions of nonproducing acreage.....	.....do.....	139.7	6.9	23.8	4.8	71.9	72.8	-12.0	-8.0	-20.5
Land department, leasing and scouting.....	.....do.....	3,024.3	169.1		210.3	749.4	1,139.8	150.6	79.8	525.4
Geological and geophysical.....	.....do.....	126.3	3.7	6.6	14.8	24.9	32.6	6.2	14.7	22.6
Lease rents.....	.....do.....	692.3	26.2		66.3	217.2	263.8	21.9	20.9	75.9
Test hole contributions.....	.....do.....	206.7	9.3	9.0	16.8	41.4	55.2	16.7	11.7	52.0
Other exploration expenditures, including direct overhead.....	.....do.....	21.7	(D)	(D)	1.1	6.7	6.8	16.7		2.8
General and administrative overhead not reported elsewhere.....	.....do.....	240.6	17.0		13.9	49.0	110.1	11.1	6.6	32.8
Development expenditures.....	.....do.....	404.8	10.7	11.2	49.8	46.4	179.5	15.5	21.3	70.4
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7,734.8	317.3	191.3	570.3	1,423.6	3,266.9	237.5	246.7	1,481.2
Dry holes.....	.....do.....	4,154.4	219.9	15.1	333.9	867.8	1,385.3	155.1	169.2	1,023.0
Dil.....	.....do.....	453.4	18.1	15.1	30.6	95.1	110.0	19.5	18.0	147.0
Gas.....	.....do.....	1,587.6	36.0	47.8	86.2	317.0	533.4	57.4	55.4	454.3
Work-in-progress adjustment.....	.....do.....	1,465.4	77.6	14.7	157.3	270.2	375.0	74.9	84.1	426.1
Lease equipment.....	.....do.....	648.0	10.6	14.7	59.8	185.4	366.9	3.3	11.7	-4.3
Lease and land acquisitions of producing acreage.....	.....do.....	1,486.8	(D)	(D)	97.3	218.9	811.1	39.2	38.8	214.1
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	381.4	(D)	(D)	98.8	273.3	929.9	9.5	15.2	117.9
Production expenditures.....	.....do.....	1,357.3	5.0	23.7	98.8		273.3	929.9	23.4	18.2
Direct operating expenditures.....	.....do.....	354.8	10.9	12.0	40.1	63.4	140.4	10.2	5.4	72.5
Operating and maintenance.....	.....do.....	7,639.9	247.5	223.8	709.8	1,756.9	2,904.5	305.3	254.0	1,238.1
Well workovers.....	.....do.....	4,507.4	147.0	137.0	437.0	1,098.0	1,591.9	185.8	149.2	761.5
Other direct expenses.....	.....do.....	3,647.2	103.8	116.5	380.5	921.7	1,183.4	157.0	127.8	656.5
Indirect operating expenditures.....	.....do.....	577.2	33.4	39.5	39.5	105.8	299.6	19.4	14.0	65.6
Taxes (excluding income taxes).....	.....do.....	283.0	30.3	17.0	17.0	70.4	108.9	9.4	7.5	39.5
General and administrative overhead.....	.....do.....	3,132.5	100.6	86.8	272.8	658.9	1,312.6	119.5	104.9	476.4
Other indirect expenses.....	.....do.....	1,897.9	48.0	67.3	152.9	471.0	809.3	79.1	63.6	206.7
Gross book value of fixed assets.....	.....do.....	865.5	47.2	218.6		344.1	26.5	39.1	190.1	190.1
Oil and gas field properties.....	.....do.....	369.1	25.0	89.3		159.2	14.0	2.1	79.7	79.7
Nonproducing properties.....	.....do.....	82,019.5	1,774.5	2,884.9	7,640.1	19,739.7	30,378.2	3,496.5	2,841.8	13,263.9
Producing properties.....	.....do.....	80,073.0	1,626.3	2,837.0	7,407.1	19,566.6	29,793.7	3,354.9	2,801.5	12,685.8
Work-in-progress.....	.....do.....	14,653.5	84.0	1,060.7	1,060.7	3,640.2	4,335.4	624.2	721.4	3,428.6
Buildings, other structures, and machinery.....	.....do.....	60,293.3	1,195.7	2,213.5	6,068.9	15,516.3	21,914.1	2,688.4	2,041.6	8,654.9
	.....do.....	5,126.3	21.1	277.5	277.5	410.1	3,544.3	-2.3	38.6	602.3
	.....do.....	1,946.4	148.2	47.9	233.0	173.1	584.4	141.7	40.1	578.1

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 7.--DETAILED STATISTICS GROUPED BY NATURAL GAS UNIT VALUES

(Net company interest basis)

Item	Unit of measure	Total United States	Cents per 1,000 cu. ft.						
			.000 -.399	.400 -.449	.450 -.499	.500 -.549	.550 -.599	.600 -.699	.700 and over
Sales volumes									
Crude petroleum and condensate...	Mil. bbl. ....	2,347.6	131.2	296.6	76.6	551.0	109.2	674.4	508.6
From stripper well leases.....	.....do.....	269.6	50.2	28.7	7.8	63.7	14.4	43.8	60.9
Lease condensate.....	.....do.....	112.4	4.3	17.5	3.8	24.6	6.9	27.0	28.4
Natural gas.....	Bil. cu. ft.	15,893.1	860.2	2,657.7	450.1	3,141.2	749.7	4,221.5	3,813.1
Lease revenues.....	Mil. dol. ....	29,366.8	1,528.0	3,568.3	869.9	5,888.7	1,369.7	8,374.4	7,767.7
Crude petroleum and condensate...	.....do.....	18,624.1	1,127.5	2,346.3	604.1	4,057.4	895.1	5,393.7	4,199.9
Crude petroleum.....	.....do.....	17,707.0	1,096.9	2,200.4	580.5	3,868.3	842.7	5,160.5	3,957.6
Lease condensate.....	.....do.....	917.0	30.6	145.8	23.6	189.1	52.4	233.2	242.2
Natural gas.....	.....do.....	9,771.7	288.4	1,164.6	209.7	1,654.6	427.5	2,687.9	3,338.9
Income received from oil and gas royalties.....	.....do.....	856.3	105.2	55.3	52.1	155.0	39.3	257.2	192.1
Other lease revenues from producing operations.....	.....do.....	114.5	6.7	2.2	4.0	21.6	7.7	35.4	36.8
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	1,185.1	2,417.8	656.5	4,339.0	1,034.6	6,100.9	6,824.8
Exploration expenditures.....	.....do.....	7,183.9	389.6	570.8	199.1	1,380.7	411.2	2,021.6	2,210.8
Drilling and equipping wells <sup>1</sup> .....	.....do.....	2,467.1	231.4	183.4	43.6	433.5	174.5	520.3	880.2
Dry holes.....	.....do.....	1,292.4	90.4	118.0	26.7	235.8	93.4	329.1	399.0
Oil.....	.....do.....	368.2	100.4	25.8	5.6	37.1	10.0	36.2	153.3
Gas.....	.....do.....	666.6	29.4	34.6	14.3	76.1	50.5	196.5	265.2
Work-in-progress adjustment..	.....do.....	139.7	11.2	5.0	-3.0	84.6	20.6	-41.4	62.7
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3		200.3		620.3	154.1	916.0	943.5
Land department, leasing and scouting.....	.....do.....	126.3	107.4	14.3	136.0	21.6	5.9	31.3	37.9
Geological and geophysical.....	.....do.....	692.3		73.6		163.5	24.7	256.6	135.5
Lease rents.....	.....do.....	206.7	11.5	23.2	6.9	32.9	14.5	60.5	57.3
Test hole contributions.....	.....do.....	21.7	1.0	1.1	.4	6.4	.9	6.3	5.6
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	8.9	32.8	6.8	64.2	17.7	59.6	50.6
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	29.4	42.1	5.4	38.3	18.8	171.1	99.7
Development expenditures.....	.....do.....	7,734.8	268.0	715.1	228.1	1,361.2	276.3	2,058.0	2,828.0
Drilling and equipping wells <sup>1</sup> .....	.....do.....	4,154.4	203.6	405.0	172.8	863.4	148.0	1,163.2	1,198.2
Dry holes.....	.....do.....	453.4	32.3	48.1	26.2	95.2	17.6	98.4	135.5
Oil.....	.....do.....	1,587.6	93.7	181.8	73.1	310.7	62.4	385.1	480.9
Gas.....	.....do.....	1,465.4	61.1	163.7	34.8	274.9	61.5	429.1	440.3
Work-in-progress adjustment..	.....do.....	648.0	16.5	11.5	38.7	182.6	6.6	250.6	141.5
Lease equipment.....	.....do.....	1,486.8	28.8	123.6	27.6	210.3	52.0	540.9	503.6
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	4.7	8.8	21.5	6.7		22.3	301.6
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3	15.0	177.5		230.8	64.8	197.6	824.8
	.....do.....	354.8	16.0		6.3	49.8	11.5	133.9	
Production expenditures.....	.....do.....	7,639.9	527.5	1,131.9	229.2	1,597.1	347.0	2,021.3	1,786.0
Direct operating expenditures..	.....do.....	4,507.4	343.3	640.5	142.3	1,023.1	222.9	1,200.0	935.4
Operating and maintenance.....	.....do.....	3,647.2	289.9	485.0	128.2	877.2	192.8	929.5	744.5
Well workovers.....	.....do.....	577.2	40.2	147.3		91.7		138.8	126.6
Other direct expenses.....	.....do.....	283.0	13.2	8.2	14.0	54.2	30.0	131.6	64.3
Indirect operating expenditures.....	.....do.....	3,132.5	184.3	491.5	86.9	574.0	124.1	821.3	850.6
Taxes (excluding income taxes).....	.....do.....	1,897.9	73.7	270.0	56.0	404.1	78.4	542.5	473.4
General and administrative overhead.....	.....do.....	865.5	87.4	179.6	28.2	121.8	42.2	216.0	190.3
Other indirect expenses.....	.....do.....	369.1	23.2	41.9	2.7	48.1	3.5	62.8	186.9
Gross book value of fixed assets...	.....do.....	82,019.5	3,511.4	10,309.4	2,580.5	20,128.1	3,899.9	22,868.3	18,721.8
Oil and gas field properties.....	.....do.....	80,073.0	3,334.1	9,957.1	2,504.6	19,889.3	3,761.9	22,472.0	18,154.1
Nonproducing properties.....	.....do.....	14,653.5	477.2	2,228.7		3,359.2	754.7	4,071.2	3,762.7
Producing properties.....	.....do.....	60,293.3	2,706.6	7,903.4	1,979.5	15,832.4	2,949.9	17,113.3	11,808.2
Work-in-progress.....	.....do.....	5,126.3	150.4	350.2		697.8	57.3	1,287.5	2,583.2
Building, other structures, and machinery.....	.....do.....	1,946.4	177.3	352.3	76.0	238.8	138.0	396.3	567.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 8.--DETAILED STATISTICS GROUPED BY THE RATIO OF NET OIL AND GAS REVENUES TO GROSS BOOK VALUE OF FIXED ASSETS: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Companies grouped by selected size-class <sup>1</sup>						
			.000 or negative	.001-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400 and over
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,347.6	12.4	469.3	738.2	271.7	313.4	53.0	489.6
From stripper well leases.....	.....do.....	269.6	5.6	61.8	72.7	27.7	18.6	13.2	70.0
Lease condensate.....	.....do.....	112.4	.2	27.0	38.1	15.0	8.7	1.4	22.0
Natural gas.....	Bil. cu. ft.	15,893.1	41.4	3,809.9	5,058.2	1,741.7	1,608.0	399.3	3,234.7
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	29,366.8	160.4	6,240.5	8,440.7	3,419.9	3,749.5	759.9	6,595.9
Crude petroleum.....	.....do.....	18,624.1	109.4	3,753.8	5,558.5	2,166.1	2,540.5	460.6	4,035.3
Crude petroleum.....	.....do.....	17,707.0	107.7	3,534.0	5,266.9	2,030.5	2,465.1	450.0	3,852.8
Lease condensate.....	.....do.....	917.0	1.7	219.8	291.6	135.5	75.4	10.5	182.5
Natural gas.....	.....do.....	9,771.7	19.3	2,190.8	2,674.0	1,173.5	1,015.8	264.7	2,433.6
Income received from oil and gas royalties.....	.....do.....	856.3	30.4	271.3	154.5	71.8	186.2	31.6	110.3
Other lease revenues from producing operations.....	.....do.....	114.5	1.3	24.4	53.7	8.5	7.0	3.1	16.5
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	.....do.....	22,558.7	184.3	6,550.7	6,193.7	2,686.1	2,128.5	574.3	4,241.1
Drilling and equipping wells <sup>2</sup> .....	.....do.....	7,183.9	36.5	2,192.7	1,873.6	946.5	633.1	183.9	1,317.6
Dry holes.....	.....do.....	2,467.1	19.4	850.6	554.4	269.4	190.7	101.2	481.5
Oil.....	.....do.....	1,292.4	6.5	435.4	316.9	132.1	108.5	49.8	243.2
Gas.....	.....do.....	368.2	12.0	134.2	53.0	36.4	23.5	14.4	94.8
Work-in-progress adjustment.....	.....do.....	666.6	1.4	220.7	175.1	84.6	48.7	31.8	104.3
Lease and land acquisitions of nonproducing acreage.....	.....do.....	139.7	-.5	60.1	9.4	16.3	10.1	5.1	39.3
Land department, leasing and scouting.....	.....do.....	3,024.3	.5	885.4	873.4	414.0	215.6	29.1	606.1
Geological and geophysical.....	.....do.....	126.3	(2)	32.2	40.9	16.1	8.3	6.2	22.4
Lease rents.....	.....do.....	692.3	.1	177.7	220.7	118.3	77.5	16.9	81.1
Test hole contributions.....	.....do.....	206.7	.7	68.2	42.7	26.5	29.5	8.7	30.4
Other exploration expenditures, including direct overhead.....	.....do.....	21.7	.2	10.3	3.4	2.6	44.9	3.5	2.2
General and administrative overhead not reported elsewhere.....	.....do.....	240.6		80.2	36.4	43.5			35.3
Development expenditures.....	.....do.....	404.8	15.6	88.2	101.0	56.3	66.6	18.5	58.8
Drilling and equipping wells <sup>2</sup> .....	.....do.....	7,734.8	55.8	2,570.8	2,034.4	845.9	623.5	184.8	1,419.5
Dry holes.....	.....do.....	4,154.4	48.7	1,333.3	1,089.0	447.7	400.3	125.6	709.6
Oil.....	.....do.....	453.4	2.8	146.3	122.9	48.2	34.4	7.6	91.3
Gas.....	.....do.....	1,587.6	31.4	434.8	419.1	160.7	130.1	48.3	363.1
Work-in-progress adjustment.....	.....do.....	1,465.4	10.4	546.9	376.0	138.0	160.7	53.2	180.0
Lease equipment.....	.....do.....	648.0	4.3	205.4	170.9	100.8	75.0	16.5	75.1
Lease and land acquisitions of producing acreage.....	.....do.....	1,486.8		320.2	510.0		118.5	29.9	404.1
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	381.4	4.9	130.6	14.5	271.0		.8	239.9
Production expenditures.....	.....do.....	1,357.3		707.3	282.8	89.9	88.2	13.0	
Direct operating expenditures.....	.....do.....	354.8	2.3	79.2	138.1	37.3	16.3	15.5	66.0
Operating and maintenance.....	.....do.....	7,639.9	91.9	1,787.2	2,285.6	893.6	871.9	205.6	1,504.1
Well workovers.....	.....do.....	4,507.4	46.9	1,129.0	1,378.4	582.3	446.5	129.5	794.9
Other direct expenses.....	.....do.....	3,647.2	40.4	959.5	1,095.0	436.3	372.0	115.8	628.3
Indirect operating expenditures.....	.....do.....	577.2	5.1	108.8	200.4	145.9	63.6	13.8	110.7
Taxes (excluding income taxes).....	.....do.....	283.0	1.4	60.8	83.0		10.9		55.9
General and administrative overhead.....	.....do.....	3,132.5	45.0	658.2	907.3	311.3	425.4	76.0	709.4
Other indirect expenses.....	.....do.....	1,897.9	10.0	379.7	607.2	220.8	252.3	47.7	380.4
Gross book value of fixed assets.....	.....do.....	865.5	35.1	195.6	261.1	80.3	111.1	28.3	160.3
Oil and gas field properties.....	.....do.....	369.1		83.0	39.0	10.2	62.0		168.7
Nonproducing properties.....	.....do.....	82,019.5	250.6	28,332.2	25,293.8	8,759.6	8,318.5	1,362.9	9,702.0
Producing properties.....	.....do.....	80,073.0	227.6	27,820.0	24,681.7	8,557.0	8,151.7	1,213.5	9,421.5
Work-in-progress.....	.....do.....	14,653.5	50.3	5,584.4	4,453.7	1,268.2	1,344.7	160.9	1,791.3
Buildings, other structures, and machinery.....	.....do.....	60,293.3	177.3	19,960.4	18,973.3	7,024.5	6,807.0	1,013.1	7,630.2
	.....do.....	5,126.3		2,275.2	1,254.7	264.2		39.6	
	.....do.....	1,946.4	23.0	512.2	612.1	202.6	166.7	149.3	280.5

Note: Detailed figures may not add to totals because of independent rounding.

(2) Less than half of the unit of measurement shown.

<sup>1</sup>Net oil and gas revenues equal crude petroleum and lease condensate plus natural gas revenues minus production expenditures. Note that no deductions have been made for income taxes or depreciation, depletion, and amortization.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures for prior year. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 9.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPENDITURES TO TOTAL REVENUES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Companies grouped by selected size-class									
			.000-.399	.400-.599	.600-.649	.650-.699	.700-.799	.800-.899	.900-1.099	1.100-1.399	1.400-1.799	1.800 and over
Sales volumes:												
Crude petroleum and condensate...	Mil. bbl....	2,347.6	53.2	388.1	721.5	224.3	434.5	330.1	88.7	51.7	24.0	31
From stripper well leases.....	.....do.....	269.6	16.8	51.2	48.4	27.2	51.7	34.4	20.6	10.2	4.7	4
Lease condensate.....	.....do.....	112.4	.9	11.9	38.8	8.0	19.2	16.2	6.1	4.5	3.7	3
Natural gas.....	Bil. cu. ft.	15,893.1	414.5	2,237.9	5,033.8	1,412.0	2,654.7	1,926.0	769.6	733.9	356.0	354
Lease revenues.....	Mil. dol....	29,366.8	855.9	4,761.6	8,821.1	2,746.8	4,885.2	3,868.9	1,403.0	1,034.2	433.3	556
Crude petroleum and condensate...	.....do.....	18,624.1	465.8	3,207.3	5,549.3	1,737.2	3,328.1	2,599.8	768.1	491.7	201.4	275
Crude petroleum.....	.....do.....	17,707.0	457.7	3,104.3	5,236.7	1,675.9	3,181.1	2,471.3	709.1	453.1	169.5	248
Lease condensate.....	.....do.....	917.0	8.1	103.0	312.6	61.3	147.0	128.6	59.0	38.5	31.9	27
Natural gas.....	.....do.....	9,771.7	322.6	1,297.7	3,073.6	912.9	1,457.4	1,152.3	571.3	516.3	218.4	249
Income received from oil and gas royalties.....	.....do.....	856.3	61.8	222.6	190.2	91.4	87.9	84.9	54.2	23.1	10.2	29
Other lease revenues from producing operations.....	.....do.....	114.5	5.6	34.0	8.0	5.3	11.6	31.9	9.3	3.1	3.3	2
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	253.8	2,556.1	5,542.2	1,811.5	3,643.0	3,357.2	1,369.0	1,289.4	699.7	2,036
Exploration expenditures.....	.....do.....	7,183.9	37.9	642.6	1,645.6	531.7	1,213.7	1,145.4	469.9	590.5	269.3	637
Drilling and equipping wells <sup>1</sup> .....	.....do.....	2,467.1	29.8	230.2	430.6	129.5	298.4	336.1	258.7	300.6	146.5	306
Dry holes.....	.....do.....	1,292.4	12.3	122.1	281.0	71.1	177.0	175.9	144.3	126.8	50.3	131
Oil.....	.....do.....	368.2	10.8	29.9	28.8	13.2	27.6	40.9	43.9	46.8	46.5	79
Gas.....	.....do.....	666.6	2.9	73.7	70.5	29.0	94.9	44.4	124.2	121.9	40.2	65
Work-in-progress adjustment.....	.....do.....	139.7	3.9	4.4	50.2	16.2	-9	74.7	-53.6	5.2	9.6	30
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3	3.2	157.5	850.3	273.1	572.0	540.9	114.1	182.6	69.9	260
Land department, leasing and scouting.....	.....do.....	126.3	.1	12.9	32.6	7.3	27.7	17.3	9.0	9.2	5.2	5
Geological and geophysical.....	.....do.....	692.3	74.1		162.6	74.0	181.2	122.4	16.1	36.0	9.2	16
Lease rents.....	.....do.....	206.7	.6	35.0	34.4	12.4	34.7	27.7	17.7	20.3	10.7	14
Test hole contributions.....	.....do.....	21.7	(Z)	3.0	3.4		3.3	4.8	1.0	4.0	.7	
Other exploration expenditures, including direct overhead.....	.....do.....	240.6		66.4	66.9	9.0	33.9	23.2	13.3	13.6	5.3	8
General and administrative overhead not reported elsewhere.....	.....do.....	404.8		1.1	66.6	64.7	26.4	62.5	73.1	40.0	23.8	24
Development expenditures.....	.....do.....	7,734.8	56.3	728.3	1,747.0	568.2	1,074.9	1,235.1	430.1	415.6	263.5	1,215
Drilling and equipping wells <sup>1</sup> .....	.....do.....	4,154.4	36.7	470.9	909.4	293.9	708.6	642.2	316.5	271.1	184.5	320
Dry holes.....	.....do.....	453.4	6.2	52.6	99.2	22.6	73.4	44.5	48.1	39.6	38.5	28
Oil.....	.....do.....	1,587.6	20.8	191.0	349.2	116.9	221.5	255.0	182.1	95.3	67.2	88
Gas.....	.....do.....	1,465.4	13.2	172.9	321.6	128.5	249.9	161.9	75.8	131.8	80.7	129
Work-in-progress adjustment.....	.....do.....	648.0	-3.5	54.5	139.5	25.8	163.8	180.7	10.5	4.4	-1.9	74
Lease equipment.....	.....do.....	1,486.8	8.6	144.6	458.0	116.4	139.1	360.6	68.8	62.3	34.1	94
Lease and land acquisitions of producing acreage.....	.....do.....	381.4		12.4	1.8		7.1	6.7	4.7	44.6		778
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3		80.0	307.7		180.3	122.5	19.8	14.1		
Production expenditures.....	.....do.....	7,639.9	159.6	1,185.2	2,150.8	711.7	1,354.3	976.8	469.0	283.3	165.1	183
Direct operating expenditures.....	.....do.....	4,507.4	110.2	649.5	1,178.0	418.8	925.5	607.8	274.6	156.2	81.5	105
Operating and maintenance.....	.....do.....	3,647.2	97.1	549.2	886.6	345.9	752.8	513.6	207.7	135.5	71.5	87
Well workovers.....	.....do.....	577.2	8.5	78.7	234.0	44.1		27.0		12.3	8.3	7
Other direct expenses.....	.....do.....	283.0	4.6	21.7	57.4	28.8	172.8	94.2	39.9	8.5	1.7	10
Indirect operating expenditures.....	.....do.....	3,132.5	49.4	535.6	972.6	292.9	428.9	369.0	194.4	127.1	83.7	78
Taxes (excluding income taxes).....	.....do.....	1,897.9	26.3	301.4	631.1	179.1	291.0	255.5	83.4	74.2	22.1	33
General and administrative overhead.....	.....do.....	865.5	17.4	168.2			112.7	96.7	73.7	41.8		33
Other indirect expenses.....	.....do.....	369.1	5.8	66.1	341.6	113.8	25.2	16.9	37.3	11.1	61.5	10
Gross book value of fixed assets.....	.....do.....	82,019.5	1,335.4	10,351.8	23,146.1	6,584.9	13,627.9	13,131.4	3,414.2	3,971.4	1,791.7	4,664
Oil and gas field properties.....	.....do.....	80,073.0	1,262.8	10,045.6	22,750.3	6,432.5	13,384.2	12,828.9	3,299.1	3,801.9	1,658.8	4,609
Nonproducing properties.....	.....do.....	14,653.5		1,409.9	3,714.7	1,386.8	2,044.5	2,618.8	589.2	1,163.9		924
Producing properties.....	.....do.....	60,293.3	1,262.8	8,339.2	17,471.4	4,922.1	10,815.6	9,473.5	2,588.1	2,554.9	1,658.8	2,197
Work-in-progress.....	.....do.....	5,126.3		296.5	1,564.1	123.6	524.0	736.6	121.9	83.1		1,486
Buildings, other structures, and machinery.....	.....do.....	1,946.4	72.6	306.2	395.9	152.4	243.8	302.5	115.0	169.4	132.9	55

Note: Detailed figures may not add to totals because of independent rounding.

(Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures for prior year. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 10.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATION EXPENDITURES TO TOTAL EXPENDITURES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.199	.200-.299	.300-.399	.400-.449	.450-.499	.500-.549	.550-.599	.600-.699	.700-1.000
Oil volumes:												
Crude petroleum and condensate...	Mil. bbl....	2,347.6	65.8	338.6	732.3	954.8	72.4	88.9	36.6	29.9	17.3	11.0
From stripper well leases.....	....do.....	269.6	39.2	48.7	74.5	77.8	8.0	8.5	6.4	4.0	1.2	1.4
Lease condensate.....	....do.....	112.4	1.1	17.2	24.9	46.5	5.1	8.5	2.5	3.0	1.8	1.9
Natural gas.....	Bil. cu. ft.	15,893.1	337.8	2,526.8	3,682.7	6,739.7	745.2	570.1	370.0	571.7	176.5	172.6
Oil revenues.....	Mil. dol....	29,366.8	915.5	4,131.5	8,148.1	11,997.0	1,162.8	1,199.7	586.3	683.4	308.1	234.2
Crude petroleum and condensate...	....do.....	18,624.1	645.1	2,714.7	5,701.3	7,408.0	632.8	716.6	310.0	250.3	149.8	95.5
Crude petroleum.....	....do.....	17,707.0	637.8	2,572.2	5,510.4	7,022.4	589.1	643.6	290.1	225.8	133.2	82.4
Lease condensate.....	....do.....	917.0	7.2	142.5	190.9	385.6	43.7	73.0	19.9	24.5	16.6	13.1
Natural gas.....	....do.....	9,771.7	237.2	1,303.6	2,233.4	4,221.6	501.2	363.6	250.7	399.5	130.2	130.7
Income received from oil and gas royalties.....	....do.....	856.3	31.3	102.3	182.6	342.8	25.0	109.4	20.4	33.6	28.1	3.1
Other lease revenues from producing operations.....	....do.....	114.5	1.9	10.9	30.8	24.6	3.8	10.1	5.2			
Expenditures (capitalized and expensed).....	....do.....	22,558.7	509.8	3,547.5	5,657.0	8,688.9	1,039.1	965.5	490.7	817.2	340.4	502.5
Exploration expenditures.....	....do.....	7,183.9	-	445.3	1,430.7	3,050.4	443.4	459.3	256.8	463.6	222.4	412.0
Drilling and equipping wells <sup>1</sup> .....	....do.....	2,467.1	-	149.6	402.3	784.9	214.6	209.3	140.2	204.6	113.2	248.4
Dry holes.....	....do.....	1,292.4	-	104.4	253.8	433.3	112.9	101.1	63.7	91.9	51.9	79.6
Oil.....	....do.....	368.2	-	17.0	55.6	91.7	27.7	36.7	27.9	33.5	13.5	64.6
Gas.....	....do.....	666.6	-	24.3	87.2	158.0	58.5	46.2	50.4	78.1	36.2	127.7
Work-in-progress adjustment.....	....do.....	139.7	-	3.9	5.7	101.9	15.5	25.3	-1.8	1.1	11.6	-23.5
Lease and land acquisitions of nonproducing acreage.....	....do.....	3,024.3	-	154.4	572.4	1,545.9	142.1	156.9	75.4	185.8	71.6	119.8
Land department, leasing and scouting.....	....do.....	126.3	-	11.2	27.5	49.7	4.2	9.8	6.3	6.8	3.2	7.6
Geological and geophysical.....	....do.....	692.3	-	48.2	173.1	351.3	21.6	33.4	13.6	31.8	9.5	9.8
Lease rents.....	....do.....	206.7	-	23.4	52.1	71.5	16.8	12.9	6.9	12.6	5.5	6.3
Test hole contributions.....	....do.....	21.7	-	.9	4.6	9.7	.8	3.9	.1			
Other exploration expenditures, including direct overhead.....	....do.....	240.6	-	28.3	61.9	99.3	20.7	16.2	4.8	3.6	3.2	2.6
General and administrative overhead not reported elsewhere.....	....do.....	404.8	-	29.3	136.8	138.1	22.6	16.9	9.5	18.4	15.7	17.5
Development expenditures.....	....do.....	7,734.8	145.5	1,733.8	1,954.7	2,904.1	333.3	247.9	115.2	194.1	62.0	44.2
Drilling and equipping wells <sup>1</sup> .....	....do.....	4,154.4	115.0	586.9	1,019.1	1,756.3	224.2	167.8	77.3	122.2	46.4	39.2
Dry holes.....	....do.....	453.4	12.7	72.6	113.4	152.0	26.2	25.8	8.4	28.9	9.6	3.8
Oil.....	....do.....	1,587.6	79.1	269.3	416.0	625.5	69.0	50.2	12.5	32.8	13.1	20.1
Gas.....	....do.....	1,465.4	22.5	174.2	295.1	633.1	122.0	70.5	53.3	57.6	18.7	18.4
Work-in-progress adjustment.....	....do.....	648.0	.7	70.8	194.6	345.7	7.0	21.3	3.1	2.9	5.0	-3.1
Lease equipment.....	....do.....	1,486.8	16.1	227.6	501.4	559.5	65.0	55.0	25.4	24.5	9.7	2.6
Lease and land acquisitions of producing acreage.....	....do.....	381.4	6.8	861.0	317.6	437.8	16.3	9.8	6.5	6.8	1.5	.3
Other development expenditures, general and administrative overhead not reported elsewhere.....	....do.....	1,357.3										
Production expenditures.....	....do.....	7,639.9	364.3	1,368.4	2,271.6	2,734.4	262.4	258.3	118.7	159.5	56.0	46.3
Direct operating expenditures.....	....do.....	4,507.4	247.6	810.4	1,292.0	1,622.1	153.1	158.8	71.5	84.4	36.6	30.9
Operating and maintenance.....	....do.....	3,647.2	215.0	609.3	1,063.9	1,314.1	130.2	127.2	57.9	70.9	30.7	28.0
Well workovers.....	....do.....	577.2	24.4	156.2	135.4	205.8	18.1	15.8	8.8	7.2	4.8	.7
Other direct expenses.....	....do.....	283.0	8.3	44.9	92.7	102.2	4.8	15.8	4.7	6.3	1.1	2.2
Indirect operating expenditures.....	....do.....	3,132.5	116.7	558.0	979.6	1,112.3	109.3	99.5	47.2	75.1	19.4	15.4
Taxes (excluding income taxes).....	....do.....	1,897.9	35.8	309.8	573.5	730.8	71.2	74.3	31.7	48.2	11.7	10.9
General and administrative overhead.....	....do.....	865.5	63.1	213.8	258.1	225.3	34.3	19.8	13.5	26.5	7.4	3.7
Other indirect expenses.....	....do.....	369.1	17.8	34.4	148.0	156.2	3.8	5.4	2.0	.4	.3	.8
Book value of fixed assets.....	....do.....	82,019.5	1,339.1	12,561.6	20,785.6	33,059.3	4,222.3	3,563.5	2,021.0	2,164.5	918.1	1,384.5
Oil and gas field properties.....	....do.....	80,073.0	1,211.9	12,033.9	20,405.5	32,470.2	4,150.2	3,450.0	2,001.1	2,128.7	895.1	1,326.4
Nonproducing properties.....	....do.....	14,653.5	34.9	1,612.9	3,095.3	6,054.2	1,200.9	880.1	395.5	643.7	206.8	529.2
Producing properties.....	....do.....	60,293.3	1,170.5	9,048.5	16,223.9	24,452.8	2,738.7	2,453.5	1,504.6	1,390.3	594.7	715.8
Work-in-progress.....	....do.....	5,126.3	6.5	1,372.5	1,086.3	1,963.2	210.6	116.4	101.0	94.7	93.6	81.5
Buildings, other structures, and machinery.....	....do.....	1,946.4	127.2	527.8	380.2	589.1	72.0	113.5	19.9	35.8	23.0	58.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup> Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey include expenditures for prior year. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 11.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL DEVELOPMENT EXPENDITURES TO TOTAL EXPENDITURES: 1976  
(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.499	.500-1.000
Sales volumes:												
Crude petroleum and condensate...	Mil. bbl....	2,347.6	49.7	33.7	46.2	54.2	143.0	692.7	738.7	340.0	178.0	71.1
From stripper well leases.....	.....do.....	269.6	20.3	9.4	13.1	11.4	19.9	69.0	73.2	21.6	15.3	16.1
Lease condensate.....	.....do.....	112.4	2.0	2.6	2.1	3.6	8.1	28.6	31.1	20.3	9.5	4.1
Natural gas.....	Bil. cu. ft.	15,893.1	512.7	203.7	248.4	363.4	832.0	4,140.2	4,315.5	3,122.5	1,586.5	568.1
Lease revenues.....	Mil. dol....	29,366.8	868.2	514.0	531.4	714.2	1,874.1	7,656.1	8,343.8	5,084.4	2,638.4	1,142.7
Crude petroleum and condensate...	.....do.....	18,624.1	442.4	305.3	363.7	444.1	1,194.3	5,384.1	5,609.6	2,727.8	1,503.7	649.7
Crude petroleum.....	.....do.....	17,707.0	428.1	291.4	349.6	407.4	1,128.4	5,145.1	5,374.9	2,555.6	1,419.5	607.0
Lease condensate.....	.....do.....	917.0	14.3	13.9	14.1	36.7	65.9	239.0	234.7	172.2	84.2	42.0
Natural gas.....	.....do.....	9,771.7	361.9	128.4	142.0	231.1	559.3	2,137.0	2,479.5	2,228.8	1,068.7	435.1
Income received from oil and gas royalties.....	.....do.....	856.3	57.0	73.1	20.5	34.4	95.9	126.2	231.4	120.4	45.5	51.1
Other lease revenues from producing operations.....	.....do.....	114.5	6.8	7.0	5.2	4.6	24.5	8.8	23.2	7.4	20.5	6.1
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	552.4	456.8	370.5	644.8	1,499.2	5,171.1	5,856.3	3,519.9	2,519.3	1,968.1
Exploration expenditures.....	.....do.....	7,183.9	474.3		165.0	307.9	689.0	1,508.6	1,799.7	1,186.0	834.1	219.1
Drilling and equipping wells <sup>1</sup> ..	.....do.....	2,467.1	191.0	134.0	95.5	118.4	273.5	460.3	461.9	346.3	271.5	114.1
Dry holes.....	.....do.....	1,292.4	52.8	61.1	46.9	63.4	107.0	288.2	266.8	180.0	166.5	59.7
Oil.....	.....do.....	368.2	65.8	27.6	10.1	18.8	51.5	60.4	46.4	38.3	22.2	27.1
Gas.....	.....do.....	666.6	61.9	40.4	74.7	24.0	95.5	118.8	88.7	104.8	42.9	14.1
Work-in-progress adjustment..	.....do.....	139.7	10.5	5.0	-36.2	12.0	19.3	-7.2	60.0	23.2	39.9	13.1
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3	10.8	52.7	48.1	136.2	271.4	610.9	834.3	616.8	374.9	68.1
Land department, leasing and scouting.....	.....do.....	126.3	5.4	8.4	2.0	8.1	11.3	27.7	23.3	24.8	13.4	1.1
Geological and geophysical.....	.....do.....	692.3	2.2	8.6	5.8	15.2	62.1	209.6	243.0	79.5	61.0	5.1
Lease rents.....	.....do.....	206.7	6.9	6.2	3.9	6.9	16.9	47.0	54.7	23.8	26.6	13.1
Test hole contributions.....	.....do.....	21.7		.4	.1	.4	4.0	4.8	7.8	2.6	1.4	
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	4.3		3.3	8.8	20.5	52.5	78.7	48.4	18.3	5.1
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	20.3	23.1	6.4	14.0	29.4	95.8	95.9	43.6	67.1	9.1
Development expenditures.....	.....do.....	7,734.8	24.4	45.6	118.5	341.9	1,436.8	1,908.2	1,310.4	1,110.1	1,438.1	486.1
Drilling and equipping wells <sup>1</sup> ..	.....do.....	4,154.4	16.1	27.0	83.4	230.6	859.6	1,168.0	707.3	575.4	47.4	50.1
Dry holes.....	.....do.....	453.4	3.3	6.2	9.5	35.4	108.4	119.7	73.5	47.4	24.6	125.1
Oil.....	.....do.....	1,587.6	7.7	13.8	37.0	89.2	318.2	427.2	262.2	186.2	81.9	65.1
Gas.....	.....do.....	1,465.4	(2)	6.6	9.6	24.0	93.7	298.0	389.8	258.6	259.8	125.1
Work-in-progress adjustment..	.....do.....	648.0	(2)	-1.3	-2.6	12.8	12.3	135.1	231.3	113.0	81.9	65.1
Lease equipment.....	.....do.....	1,486.8			9.8	21.7	64.1	222.5	323.8	376.7	344.7	119.1
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	4.9	2.8	8.6	7.6	10.2	345.9	181.8	42.1	795.1	
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3		3.9	21.0	267.6				51.1		
Production expenditures.....	.....do.....	7,639.9	315.5	195.2	159.8	218.4	468.3	2,225.8	2,148.4	1,023.5	575.0	310.1
Direct operating expenditures..	.....do.....	4,507.4	182.9	105.0	107.8	149.2	276.7	1,362.8	1,291.7	505.4	340.0	185.1
Operating and maintenance....	.....do.....	3,647.2	160.3	89.7	89.2	118.8	233.7	1,019.6	1,113.5	381.2	278.7	162.1
Well workovers.....	.....do.....	577.2	17.1	8.6	12.6	15.5	28.8	241.9	143.4	79.8	61.3	23.1
Other direct expenses.....	.....do.....	283.0	5.5	6.7	6.0	14.9	14.2	101.3	34.8	44.4		
Indirect operating expenditures.....	.....do.....	3,132.5	132.6	90.2	51.9	69.1	191.5	863.0	856.8	518.2	235.1	124.1
Taxes (excluding income taxes).....	.....do.....	1,897.9	35.6	31.2	27.5	42.2	116.2	563.5	571.5	310.2	149.0	51.1
General and administrative overhead.....	.....do.....	865.5	75.0	42.9	20.0	21.3	75.3	256.0	186.4	208.0	75.1	51.1
Other indirect expenses.....	.....do.....	369.1	22.0	16.1	4.4	5.6		43.5	98.9		11.0	16.1
Gross book value of fixed assets...	.....do.....	82,019.5	1,720.2	1,164.4	1,104.5	1,746.3	5,245.9	21,515.8	23,371.0	11,843.9	9,915.0	4,392.1
Oil and gas field properties.....	.....do.....	80,073.0	1,559.4	1,081.8	1,064.4	1,707.2	5,007.1	21,048.8	23,076.9	11,645.5	9,653.4	4,224.1
Nonproducing properties.....	.....do.....	14,653.5	107.5	242.1	204.8	354.4	1,232.4	3,421.9	4,248.1	1,976.4	2,498.0	361.1
Producing properties.....	.....do.....	60,293.3	1,434.6	831.1	847.0	1,240.1	3,610.2	17,119.9	18,153.9	8,257.3	6,180.6	2,611.1
Work-in-progress.....	.....do.....	5,126.3	17.4	8.5	12.7	112.7	164.6	507.0	674.9	1,411.8	974.7	1,242.1
Buildings, other structures, and machinery.....	.....do.....	1,946.4	160.7	82.6	40.1	39.1	238.8	467.0	294.1	198.4	261.7	164.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures for prior year. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.



Table 12.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL PRODUCTION EXPENDITURES TO TOTAL EXPENDITURES: 1976

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.349	.350-.399	.400-.449	.500-.599	.600-1.000
Production volumes:												
Crude petroleum and condensate...	Mil. bbl....	2,347.6	26.4	18.8	38.5	80.3	561.8	337.5	273.9	610.0	293.0	107.4
From stripper well leases.....	....do.....	269.6	4.2	1.6	4.2	12.1	33.5	31.2	22.9	66.7	39.3	53.8
Lease condensate.....	....do.....	112.4	2.9	1.3	5.3	8.0	29.9	16.6	11.5	19.6	15.3	2.0
Natural gas.....	Bil. cu. ft.	15,893.1	360.2	309.0	919.4	851.6	3,879.1	2,474.3	1,525.3	2,958.1	2,044.9	571.2
Revenues:												
Crude petroleum and condensate...	Mil. dol....	29,366.8	476.8	444.2	986.2	1,508.4	7,154.3	4,137.0	3,148.9	6,748.6	3,314.5	1,447.8
Crude petroleum.....	....do.....	18,624.1	199.4	194.1	347.9	748.8	4,369.4	2,574.9	2,199.1	4,711.8	2,303.0	975.8
Lease condensate.....	....do.....	17,707.0	176.0	182.3	296.7	672.9	4,131.6	2,438.4	2,101.6	4,569.3	2,173.6	964.5
Natural gas.....	....do.....	917.0	23.3	11.7	51.2	75.9	237.8	136.5	97.4	142.5	129.4	11.3
Income received from oil and gas royalties.....	....do.....	9,771.7	237.4	244.6	600.3	715.8	2,582.2	1,381.9	875.8	1,815.6	954.8	363.4
Other lease revenues from producing operations.....	....do.....	856.3	40.1	5.5	38.0	32.9	171.2	161.2	62.5	208.1	52.7	102.9
Other lease revenues from nonproducing operations.....	....do.....	114.5										
Expenditures (capitalized and expensed):												
Exploration expenditures.....	....do.....	22,558.7	1,743.0	465.8	1,078.4	1,521.3	5,385.6	2,850.3	2,414.0	4,311.4	2,005.7	783.3
Drilling and equipping wells <sup>1</sup> .....	....do.....	7,183.9	561.6	238.9	494.7	596.0	1,861.7	1,053.2	841.9	1,100.4	365.7	70.0
Dry holes.....	....do.....	2,467.1	274.8	121.6	229.9	324.5	485.1	310.9	209.5	346.8	125.5	38.7
Oil.....	....do.....	1,292.4	108.6	62.1	109.9	149.6	225.5	176.1	134.1	218.7	92.9	15.0
Gas.....	....do.....	368.2	69.2	16.4	35.1	59.8	49.4	36.7	36.7	40.5	18.4	15.3
Work-in-progress adjustment.....	....do.....	666.6	67.2	79.9	70.4	106.4	84.6	62.6	67.7	95.9	23.9	8.0
Lease and land acquisitions of nonproducing acreage.....	....do.....	139.7	29.7	-36.8	14.4	8.7	125.5	44.7	-28.9	-8.3	-9.7	.4
Land department, leasing and scouting.....	....do.....	3,024.3	224.3	80.5	162.7	174.5	993.6	475.3	406.4	388.7	113.1	5.1
Geological and geophysical.....	....do.....	126.3	3.0	1.3	15.7	6.9	26.5	22.9	17.1	17.6	12.6	2.7
Lease rents.....	....do.....	692.3	14.8	12.0	30.3	33.5	167.9	137.5	150.4	139.6	86.5	2.1
Test hole contributions.....	....do.....	206.7	11.5	8.1	20.0	18.2	35.9	25.6		46.2		3.3
Other exploration expenditures, including direct overhead.....	....do.....	21.7	1.2	.4	1.6	.4	7.8	2.9	64.0	4.6	1.8	(2)
General and administrative overhead not reported elsewhere.....	....do.....	240.6	11.0	2.1	15.6	5.2	62.1	37.1		64.0		1.8
Development expenditures.....	....do.....	404.8	21.0	12.9	18.9	32.9	82.6	41.0	58.3	93.0	28.1	16.1
Drilling and equipping wells <sup>1</sup> .....	....do.....	7,734.8	1,085.9	167.6	397.1	595.7	1,995.4	845.3	695.7	1,299.8	560.6	91.6
Dry holes.....	....do.....	4,154.4	244.6	128.8	285.1	393.7	975.9	532.6	487.3	750.8	297.6	58.0
Oil.....	....do.....	453.4	25.2	17.9	40.4	48.8	73.4	55.5	53.0	84.7	41.3	13.3
Gas.....	....do.....	1,587.6	47.6	49.8	82.8	166.5	386.6	186.9	179.6	292.1	159.2	36.5
Work-in-progress adjustment.....	....do.....	1,465.4	102.5	61.1	145.5	170.0	252.8	221.9	152.8	257.5	97.1	6.8
Lease equipment.....	....do.....	648.0	69.5									
Lease and land acquisitions of producing acreage.....	....do.....	1,486.8	841.4	21.9	61.3	76.5	628.7	158.5	76.1	233.0	127.5	20.3
Other development expenditures, general and administrative overhead not reported elsewhere.....	....do.....	381.4										
Production expenditures.....	....do.....	1,357.3	8.0	4.4	17.0	18.6	267.9	93.2	98.5	316.0	135.7	7.5
General and administrative overhead not reported elsewhere.....	....do.....	354.8										
Production expenditures.....	....do.....	7,639.9	95.5	59.3	186.6	329.6	1,528.5	951.8	876.4	1,911.1	1,079.3	621.8
Direct operating expenditures.....	....do.....	4,507.4	56.6	33.2	119.0	181.0	806.0	596.8	566.0	1,128.6	634.1	386.1
Operating and maintenance.....	....do.....	3,647.2	52.4	29.5	100.4	147.5	657.0	497.8	435.1	941.1	454.2	332.2
Well workovers.....	....do.....	577.2	2.6	2.7	16.9	20.1	83.5	57.8	130.9	134.7	179.9	39.1
Other direct expenses.....	....do.....	283.0	1.6	.9	1.7	13.4	65.5	41.1				
Indirect operating expenditures.....	....do.....	3,132.5	38.9	26.1	67.6	148.6	722.5	355.0	310.5	782.5	445.2	235.7
Taxes (excluding income taxes).....	....do.....	1,897.9	26.4	19.9	45.5	86.0	457.4	270.9	181.6	473.5	267.7	69.1
General and administrative overhead.....	....do.....	865.5	12.6	6.3	20.9	60.9	137.3	73.2	86.1	181.2	165.0	125.7
Other indirect expenses.....	....do.....	369.1										
Book value of fixed assets.....	....do.....	82,019.5	4,266.3	1,483.3	4,453.6	4,674.3	19,447.3	11,773.2	8,270.0	17,148.4	8,188.3	2,314.8
Oil and gas field properties.....	....do.....	80,073.0	4,233.7	1,391.0	4,381.3	4,572.6	19,095.9	11,592.4	7,986.0	16,856.8	7,858.4	2,105.1
Nonproducing properties.....	....do.....	14,653.5	1,117.3	1,391.0	2,902.4	3,210.9	13,936.1	8,844.6	6,458.1	13,742.5	7,858.4	2,005.3
Producing properties.....	....do.....	60,293.3	1,685.9									
Work-in-progress.....	....do.....	5,126.3	1,430.4									
Buildings, other structures, and machinery.....	....do.....	1,946.4	32.5	92.3	72.3	101.8	351.4	180.9	284.0	291.6	329.9	209.7

Note: Detailed figures may not add to totals because of independent rounding.

) Less than half of the unit of measurement shown.

represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey includes prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 13.--DETAILED STATISTICS GROUPED BY OIL LEASE SPECIALIZATION RATIOS: 1976

(Net company interest basis)												
Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>									
			.000	.001-.099	.100-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.699	.700-.799	.800-1.000
Sales volumes:												
Crude petroleum and condensate...	Mil. bbl....	2,347.6	46.8	31.6	51.7	33.4	306.3	242.8	632.7	619.4	161.5	221.4
From stripper well leases.....	.....do.....	269.6	4.2	3.2	6.4	3.5	16.6	22.5	48.8	62.7	18.5	83.1
Lease condensate.....	.....do.....	112.4	1.7	5.5	6.8	3.9	21.4	15.2	27.1	24.6	4.0	2.2
Natural gas.....	Bil. cu. ft.	15,893.1	381.9	1,162.5	753.6	493.5	2,982.3	2,072.5	3,934.0	3,088.4	560.8	463.5
Lease revenues.....	Mil. dol....	29,366.8	759.3	1,102.1	1,132.0	723.2	4,536.3	2,945.9	7,347.4	6,706.7	1,679.3	2,434.5
Crude petroleum and condensate...	.....do.....	18,624.1	425.3	268.6	436.6	278.1	2,440.8	1,903.7	4,807.1	4,802.5	1,285.0	1,976.4
Crude petroleum.....	.....do.....	17,707.0	411.0	221.4	371.4	247.8	2,268.9	1,776.1	4,586.2	4,610.6	1,253.9	1,959.8
Lease condensate.....	.....do.....	917.0	14.3	47.3	65.2	30.2	171.9	127.6	220.9	191.9	31.1	16.6
Natural gas.....	.....do.....	9,771.7	247.3	810.3	632.7	410.5	1,950.4	1,000.5	2,359.9	1,722.5	326.6	311.2
Income received from oil and gas royalties.....	.....do.....	856.3	80.2	18.2	59.6	27.7	121.9	37.0	151.7	165.8	63.7	130.3
Other lease revenues from producing operations.....	.....do.....	114.5	6.5	5.0	3.1	7.0	23.2	4.8	28.7	15.9	3.8	16.0
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	577.8	958.2	1,310.2	673.3	3,194.9	2,078.4	5,264.8	4,935.1	1,161.9	2,404.1
Exploration expenditures.....	.....do.....	7,183.9	219.6	422.0	447.7	351.4	1,221.3	491.9	1,688.9	1,458.8	362.7	519.4
Drilling and equipping wells <sup>2</sup> .....	.....do.....	2,467.1	122.5	227.0	146.0	190.7	335.9	200.1	361.9	415.1	143.4	324.5
Dry holes.....	.....do.....	1,292.4	58.1	108.2	83.2	86.2	184.4	135.3	213.6	222.8	77.4	123.1
Oil.....	.....do.....	368.2	18.9	18.1	24.6	19.1	35.7	31.7	28.3	46.7	28.6	116.5
Gas.....	.....do.....	666.6	35.3	124.3	33.9	77.9	69.1	61.8	55.0	91.6	51.4	66.3
Work-in-progress adjustment.....	.....do.....	139.7	10.3	-23.6	4.3	7.3	46.7	-28.7	64.9	54.0	-14.2	18.1
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3	50.5	113.8	224.4	88.5	669.0	154.0	832.3	623.5	148.1	120.7
Land department, leasing and scouting.....	.....do.....	126.3	5.4	9.2	3.6	5.7	25.7	14.7	30.4	20.5	4.3	6.8
Geological and geophysical.....	.....do.....	692.3	15.4	24.6	17.4	24.4	79.8	58.4	240.1	188.6	25.5	18.2
Lease rents.....	.....do.....	206.7	9.6	18.8	14.8	11.7	22.0	12.2	40.7	49.5	9.8	17.5
Test hole contributions.....	.....do.....	21.7			.5	.2	1.5	1.3	7.3	7.8	.1	1.0
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	4.7	9.2	9.2	9.7	48.4	5.5	55.8	74.5	12.0	12.8
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	11.5	19.4	31.9	20.5	39.0	45.8	120.5	78.9	19.5	17.1
Development expenditures.....	.....do.....	7,734.8	178.3	320.6	607.8	163.6	1,109.0	614.9	1,711.4	1,618.4	336.5	1,074.5
Drilling and equipping wells <sup>2</sup> .....	.....do.....	4,154.4	133.4	239.1	318.1	106.3	561.6	342.0	849.7	1,050.8	232.9	320.7
Dry holes.....	.....do.....	453.4	16.4	25.1	42.6	17.2	56.0	38.4	68.2	120.9	27.7	40.0
Oil.....	.....do.....	1,587.6	41.6	34.7	121.8	26.4	217.1	146.7	315.0	397.1	110.5	176.6
Gas.....	.....do.....	1,465.4	73.9	165.2	157.1	54.6	195.6	142.8	262.9	302.2	62.2	49.8
Work-in-progress adjustment.....	.....do.....	648.0	1.6	14.2	-3.4	8.2	92.9	14.1	203.6	230.3	32.6	54.0
Lease equipment.....	.....do.....	1,486.8	27.1	50.3	60.3	42.4	328.3	113.4	453.5	253.7	41.8	115.5
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	6.4	4.6		1.2	16.7	8.7	58.1	40.5	8.0	
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3	3.4	8.4	229.4	6.1	202.3	150.7	204.9	238.9	34.4	622.2
	.....do.....	354.8	8.0	18.2		7.7			145.0	34.4	19.5	15.1
Production expenditures.....	.....do.....	7,639.9	179.7	215.6	254.7	158.3	864.6	971.6	1,864.5	1,857.8	462.6	810.7
Direct operating expenditures.....	.....do.....	4,507.4	95.7	118.6	136.3	83.0	411.8	546.4	1,126.8	1,143.4	289.1	556.6
Operating and maintenance.....	.....do.....	3,647.2	87.3	101.5	101.2	71.3	326.9	405.1	874.0	971.1	244.9	463.3
Well workovers.....	.....do.....	577.2	6.7	14.6	16.7	7.0			128.8	125.4	29.6	47.1
Other direct expenses.....	.....do.....	283.0	1.7	2.5	18.4	4.7	84.9	141.2	124.0	46.9	14.6	45.1
Indirect operating expenditures.....	.....do.....	3,132.5	84.0	97.0	118.4	75.3	452.8	425.2	737.7	714.4	173.5	254.4
Taxes (excluding income taxes).....	.....do.....	1,897.9	41.9	58.1	57.5	52.2	259.3	230.6	485.6	486.8	104.2	121.1
General and administrative overhead.....	.....do.....	865.5	27.1	29.9	51.0	21.8			190.8	157.5	51.3	95.1
Other indirect expenses.....	.....do.....	369.1	15.0	9.0	9.9	1.3	193.5	194.6	61.3	70.1	18.0	36.1
Gross book value of fixed assets.....	.....do.....	82,019.5	2,005.4	4,305.5	3,459.9	2,322.6	10,848.0	7,953.7	19,653.0	20,283.0	4,653.1	6,535.1
Oil and gas field properties.....	.....do.....	80,073.0	1,847.9	4,239.2	3,313.7	2,291.6	10,615.2	7,599.7	19,262.7	20,063.5	4,526.8	6,312.1
Nonproducing properties.....	.....do.....	14,653.5	376.3	929.2	1,067.0	596.9	1,958.6	1,302.6	3,367.5	3,327.1	922.7	805.1
Producing properties.....	.....do.....	60,293.3	1,360.4	3,106.3	2,140.0	1,595.6		6,101.7	14,889.0	16,127.1	3,536.7	5,507.1
Work-in-progress.....	.....do.....	5,126.3	111.2	203.7	106.7	99.0	8,656.6	195.4	1,006.3	609.3	67.4	
Buildings, other structures, and machinery.....	.....do.....	1,946.4	157.5	66.4	146.2	31.0	232.8	354.0	390.3	219.5	126.3	222.1

Note: Detailed figures may not add to total because of independent rounding.

<sup>1</sup>Oil lease specialization ratios were derived by dividing the sum of total liquid and gas revenues from oil leases by the sum of total liquid and gas revenues from all leases.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 14.--DETAILED STATISTICS GROUPED BY GAS LEASE SPECIALIZATION RATIOS: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>									
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.499	.500-.699	.700-.899	.900-1.000
Sales volumes:												
Crude petroleum and condensate....	Mil. bbl....	2,347.6	225.8	49.0	474.2	562.9	595.2	176.8	175.6	59.0	22.9	6.2
From stripper well leases.....	.....do.....	269.6	76.2	9.0	44.3	43.0	40.8	21.2	23.9	8.4	2.3	.6
Lease condensate.....	.....do.....	112.4	3.0	3.1	16.3	20.0	27.8	9.2	17.5	6.4	5.5	3.5
Natural gas.....	Bil. cu. ft.	15,893.1	574.4	184.1	2,302.0	2,734.6	3,963.3	1,353.3	1,941.5	1,246.7	804.0	789.2
Lease revenues:												
Crude petroleum and condensate....	Mil. dol....	29,366.8	2,654.5	514.1	4,830.9	6,211.0	7,444.5	2,141.4	2,743.7	1,227.4	964.5	634.7
Crude petroleum and condensate....	.....do.....	18,624.1	2,014.3	385.7	3,644.5	4,377.0	4,658.1	1,328.4	1,460.8	503.2	200.1	52.1
Crude petroleum.....	.....do.....	17,707.0	1,986.3	367.0	3,514.4	4,220.5	4,443.6	1,253.4	1,296.3	449.4	155.0	21.1
Lease condensate.....	.....do.....	917.0	27.9	18.7	130.1	156.5	214.5	75.0	164.5	53.8	45.1	31.0
Natural gas.....	.....do.....	9,771.7	456.6	90.9	1,119.4	1,683.0	2,624.4	738.3	1,094.4	672.0	722.3	570.4
Income received from oil and gas royalties.....	.....do.....	856.3	167.8	30.0	62.9	122.0	151.9	67.6	178.2	29.3	35.9	10.5
Other lease revenues from producing operations.....	.....do.....	114.5	15.9	7.4	4.2	29.1	10.1	6.8	10.3	22.9	6.2	1.6
Expenditures (capitalized and expensed):												
Exploration expenditures.....	.....do.....	22,558.7	1,821.0	376.0	3,024.6	5,616.6	4,850.7	1,773.6	2,158.7	1,352.6	1,016.3	568.6
Drilling and equipping wells <sup>2</sup> .....	.....do.....	7,183.9	499.9	140.6	730.8	1,622.1	1,561.3	595.8	723.2	550.6	506.5	253.1
Dry holes.....	.....do.....	2,467.1	308.5	80.8	243.8	355.5	335.6	246.2	262.9	235.6	235.2	163.0
Oil.....	.....do.....	1,292.4	127.8	39.6	171.6	181.5	186.9	121.8	153.4	135.6	116.8	87.2
Gas.....	.....do.....	368.2	127.0	18.3	21.3	29.7	32.0	43.3	35.0	31.8		
Work-in-progress adjustment.....	.....do.....	666.6	86.6	11.2	69.1	60.8	68.1	64.2	47.8	90.0	100.0	68.9
Lease and land acquisitions of nonproducing acreage.....	.....do.....	139.7	-32.8	11.8	-18.2	83.5	48.6	16.8	26.6	-21.7	18.3	7.0
Land department, leasing and scouting.....	.....do.....	3,024.3	106.5	31.3	283.9	858.5	841.4	200.5	291.8	194.8	161.9	53.8
Geological and geophysical.....	.....do.....	126.3	10.6	1.8	16.6	19.4	19.1	15.1	17.7	13.4	8.4	4.2
Lease rents.....	.....do.....	692.3	22.8	9.1	100.3	213.6	172.8	61.7	34.3	32.0	32.3	13.4
Test hole contributions.....	.....do.....	206.7	19.6	4.7	21.4	36.5	35.3	21.0	19.7	18.4	20.3	9.8
Other exploration expenditures, including direct overhead.....	.....do.....	21.7	1.1	4.7	27.0	6.5	4.1	1.5	4.6	1.0	.9	5.1
General and administrative overhead not reported elsewhere.....	.....do.....	240.6	8.8			27.6	66.5	27.1	48.9	15.9	11.1	
Lease equipment.....	.....do.....	404.8	22.2	8.0	38.0	104.4	86.5	22.5	43.3	39.6	36.2	4.0
Development expenditures.....	.....do.....	7,734.8	520.0	104.0	835.2	2,334.6	1,629.8	647.2	740.0	451.0	308.8	164.3
Drilling and equipping wells <sup>2</sup> .....	.....do.....	4,154.4	365.1	72.8	471.9	959.8	806.1	337.9	502.2	284.8	228.8	125.0
Dry holes.....	.....do.....	453.4	54.8	8.0	62.8	69.8	69.0	33.8	56.9	42.6	40.2	15.5
Oil.....	.....do.....	1,587.6	232.6	46.3	197.5	358.7	275.1	126.1	217.9	83.6	40.4	9.4
Gas.....	.....do.....	1,465.4	79.9	12.6	143.8	174.1	291.1	149.5	213.8	150.5	151.9	98.2
Work-in-progress adjustment.....	.....do.....	648.0	-2.2	5.9	67.8	357.2	170.9	28.5	13.6	8.1	-3.7	1.8
Lease equipment.....	.....do.....	1,486.8	88.1	16.3	152.0	427.1	477.8	57.7	111.6	78.1	54.7	23.4
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	20.8	2.7	1.6	830.1	17.6	219.5	37.2	33.1	5.7	5.8
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3	30.3	7.6	169.2		282.1		42.3	22.2	4.4	6.3
Production expenditures.....	.....do.....	354.8	15.9	4.6	40.4	117.6	46.0	31.9	46.7	32.7	15.3	3.9
Direct operating expenditures.....	.....do.....	7,639.9	801.2	131.5	1,458.6	1,659.9	1,659.6	530.4	695.5	351.1	201.1	151.2
Operating and maintenance.....	.....do.....	4,507.4	532.2	88.4	889.2	1,034.7	872.8	332.8	414.1	171.3	103.9	67.9
Well workovers.....	.....do.....	3,647.2	435.6	76.2	679.9	837.7	700.5	283.5	355.9	141.1	79.4	57.6
Other direct expenses.....	.....do.....	577.2	48.5	8.2	209.3	197.0	172.3	39.2	43.8	13.5	14.1	7.3
Indirect operating expenditures (excluding income taxes).....	.....do.....	283.0	48.1	4.0				10.1	14.4	16.7	10.4	3.1
Taxes.....	.....do.....	3,132.5	269.2	43.1	569.4	625.2	786.8	197.6	281.3	179.7	97.1	83.2
General and administrative overhead.....	.....do.....	1,897.9	123.5	22.0	382.3	421.7	486.1	141.1	153.8	70.2	69.1	28.3
Other indirect expenses.....	.....do.....	865.5	108.2	17.4	187.1	147.3	300.7	44.8	118.3	63.1	26.2	34.4
Gross book value of fixed assets.....	.....do.....	369.1	37.5	3.7		56.2		11.7	9.2	46.4	1.8	20.5
Oil and gas field properties.....	.....do.....	82,019.5	5,085.5	1,252.4	14,309.7	18,752.8	17,706.0	6,729.2	8,551.9	3,737.8	3,529.0	2,365.4
Nonproducing properties.....	.....do.....	80,073.0	4,762.6	1,149.2	13,949.0	18,466.1	17,493.0	6,610.0	8,383.8	3,545.9	3,438.4	2,274.9
Producing properties.....	.....do.....	14,653.5	767.8	147.0	2,309.0	2,852.0	3,226.0	1,454.2	1,528.2	914.3	849.8	605.2
Work-in-progress.....	.....do.....	60,293.3	3,740.4	973.6	11,373.3	13,505.7	12,884.4	4,994.4	6,334.1	2,451.7	2,494.5	1,541.4
Building, other structures, and machinery.....	.....do.....	5,126.3	254.5	28.6	266.8	2,108.4	1,382.6	161.4	521.5	179.8	94.2	128.3
	.....do.....	1,946.4	322.8	103.2	360.6	286.7	213.0	119.2	168.0	192.0	90.5	90.5

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Gas lease specialization ratios were derived by dividing the sum of total liquids and gas revenues from gas leases by the sum of total liquids and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures for prior year. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 15.--DETAILED STATISTICS BY LEASE CLASSIFICATION AND TOTAL LEASE REVENUES RANK: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Companies ranked by total leases revenues				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
PART I, OIL LEASES							
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	1,722.3	845.9	372.0	176.8	138.0	189.6
From stripper well leases.....	....do.....	241.7	62.8	42.2	29.3	25.9	81.5
Natural gas.....	Bil. cu. ft.	1,568.8	767.3	270.4	158.6	167.1	205.5
Lease revenues:							
Crude petroleum and condensate...	Mil. dol....	13,660.9	6,527.5	2,725.5	1,468.4	1,209.2	1,730.2
Crude petroleum.....	....do.....	13,660.8	6,527.5	2,725.5	1,468.4	1,209.2	1,730.1
Natural gas.....	....do.....	1,005.8	473.4	155.1	109.8	120.5	147.2
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup> ..	....do.....	912.0	312.7	52.8	106.9	152.9	286.8
Dry holes.....	....do.....	448.9	173.1	30.1	61.2	94.1	90.5
Oil.....	....do.....	328.3	34.5	14.8	26.6	60.2	192.1
Work-in-progress adjustment..	....do.....	134.6	105.0	7.8	19.2	-1.5	4.0
Development expenditures:							
Drilling and equipping wells <sup>1</sup> ..	....do.....	1,707.4	737.5	259.4	197.5	237.3	275.7
Dry holes.....	....do.....	155.9	44.3	24.2	18.2	27.3	41.9
Oil.....	....do.....	1,270.0	448.0	212.5	160.7	214.8	233.9
Work-in-progress adjustment..	....do.....	281.7	245.2	22.8	18.5	-4.9	.1
Production expenditures:							
Direct operating expenditures..	....do.....	2,888.1	1,231.4	580.2	308.1	278.0	490.4
Operating and maintenance....	....do.....	2,398.9	968.8	520.6	268.9	242.0	398.6
Workovers.....	....do.....	290.6	143.4	52.6	22.5	23.5	48.6
Other direct expenses.....	....do.....	198.8	119.1	7.0	16.7	12.7	43.3
PART II, GAS LEASES							
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	82.0	30.1	16.3	16.4	10.2	9.1
From stripper well leases.....	....do.....	1.5	.3	.5	.1	.4	.1
Lease condensate.....	....do.....	77.2	30.1	16.3	11.9	9.9	9.0
Natural gas.....	Bil. cu. ft.	10,365.6	3,870.0	2,137.5	1,915.9	1,207.4	1,234.9
Lease revenues:							
Crude petroleum and condensate...	Mil. dol....	647.8	248.8	124.0	109.9	92.5	72.7
Lease condensate.....	....do.....	647.7	248.8	124.0	109.9	92.4	72.6
Natural gas.....	....do.....	6,312.9	2,361.5	1,059.3	1,282.6	790.5	818.9
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup> ..	....do.....	1,157.3	239.2	74.8	264.1	234.0	345.1
Dry holes.....	....do.....	590.8	143.9	43.6	134.1	133.1	136.1
Gas.....	....do.....	579.1	88.1	26.9	150.7	113.9	199.5
Work-in-progress adjustment..	....do.....	-12.5	7.2	4.4	-20.7	-13.0	9.6
Development expenditures:							
Drilling and equipping wells <sup>1</sup> ..	....do.....	1,577.8	513.0	250.2	354.8	266.4	193.4
Dry holes.....	....do.....	215.5	67.4	33.0	51.8	34.2	29.0
Gas.....	....do.....	1,248.7	368.8	202.5	284.6	238.6	154.2
Work-in-progress adjustment..	....do.....	113.5	76.8	14.6	18.3	-6.4	10.4
Production expenditures:							
Direct operating expenditures..	....do.....	698.7	189.6	125.2	135.1	104.8	144.1
Operating and maintenance....	....do.....	551.9	133.4	103.2	106.2	84.2	124.9
Workovers.....	....do.....	100.5	39.3	20.2	18.5	10.8	11.6
Other direct expenses.....	....do.....	46.1	16.9	1.8	10.4	9.6	7.4

See footnotes at end of table.

Table 15.--DETAILED STATISTICS BY LEASE CLASSIFICATION AND TOTAL LEASE REVENUES RANK: 1976--Continued

(Net company interest basis)							
Item	Unit of measure	Total United States	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
PART III, COMBINED LEASES							
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	543.2	319.2	75.2	77.4	28.9	42.5
From stripper well leases.....	.....do.....	26.4	6.4	6.8	3.9	2.1	7.2
Lease condensate.....	.....do.....	35.1	18.9	6.7	5.6	1.2	2.7
Natural gas.....	Bil. cu. ft.	3,958.7	2,433.9	632.6	400.6	221.7	270.0
Lease revenues:							
Crude petroleum and condensate...	Mil. dol....	4,315.4	2,527.2	544.9	613.5	258.1	371.8
Crude petroleum.....	.....do.....	4,046.3	2,377.2	498.3	567.7	247.5	355.5
Lease condensate.....	.....do.....	269.2	149.9	46.5	45.8	10.7	16.2
Natural gas.....	.....do.....	2,452.9	1,460.8	396.6	221.2	150.7	223.6
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1</sup> ..	.....do.....	397.5	37.9	85.1	102.2	59.5	112.7
Dry holes.....	.....do.....	253.0	40.6	52.2	56.5	41.1	62.6
Oil.....	.....do.....	40.0	4.2	.6	2.7	7.1	25.5
Gas.....	.....do.....	87.5	7.9	.3	18.6	3.1	57.6
Work-in-progress adjustment..	.....do.....	16.9	-14.8	32.1	24.5	8.2	-33.0
Development expenditures:							
Drilling and equipping wells <sup>1</sup> ..	.....do.....	868.6	365.1	111.6	183.7	54.1	154.1
Dry holes.....	.....do.....	82.1	25.5	13.9	12.0	5.7	24.9
Oil.....	.....do.....	317.2	135.7	35.1	30.4	31.9	94.2
Gas.....	.....do.....	216.7	77.0	21.0	68.0	15.6	35.1
Work-in-progress adjustment..	.....do.....	252.8	126.9	41.7	73.2	11.0	.1
Production expenditures:							
Direct operating expenditures..	.....do.....	920.6	541.6	112.0	117.4	48.8	100.6
Operating and maintenance....	.....do.....	696.3	373.5	95.2	98.6	41.5	87.3
Workovers.....	.....do.....	186.1	142.2	16.4	12.0	4.3	11.2
Other direct expenses.....	.....do.....	38.1	25.9	.4	6.8	3.0	2.0

Note: Detailed figures may not add to totals because of independent rounding.

(X) Not applicable.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 16.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE REVENUES TO TOTAL REVENUES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			.000	.001-.099	.100-.199	.200-.299	.300-1.000
Sales volumes							
Crude petroleum and condensate...	Mil. bbl....	2,347.6	437.7	294.3	1,023.4	379.5	212.5
From stripper well leases.....	.....do.....	269.6	128.0	21.0	76.9	26.0	17.7
Lease condensate.....	.....do.....	112.4	21.2	13.1	46.9	17.9	13.3
Natural gas.....	Bil. cu. ft.	15,893.1	2,914.8	2,358.7	6,692.7	2,235.9	1,691.1
Lease revenues.....	Mil. dol....	29,366.8	6,341.6	3,982.2	12,185.4	4,165.3	2,692.3
Crude petroleum and condensate...	.....do.....	18,624.1	3,891.5	2,385.1	7,891.3	2,819.9	1,636.2
Crude petroleum.....	.....do.....	17,707.0	3,711.4	2,275.5	7,527.6	2,671.7	1,520.7
Lease condensate.....	.....do.....	917.0	180.0	109.6	363.7	148.2	115.5
Natural gas.....	.....do.....	9,771.7	2,062.8	1,459.9	4,008.0	1,279.9	961.2
Income received from oil and gas royalties.....	.....do.....	856.3	330.7	129.6	249.5	56.5	89.9
Other lease revenues from producing operations.....	.....do.....	114.5	56.3	7.6	36.6	9.0	5.0
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	6,040.2	2,934.6	8,504.6	2,990.6	2,088.7
Exploration expenditures.....	.....do.....	7,183.9	1,822.1	922.3	2,641.1	1,105.3	693.0
Drilling and equipping wells <sup>1</sup> ..	.....do.....	2,467.1	1,056.4	301.7	596.4	302.7	209.9
Dry holes.....	.....do.....	1,292.4	461.7	181.1	320.8	178.1	150.8
Oil.....	.....do.....	368.2	270.8	19.3	43.9	23.2	11.1
Gas.....	.....do.....	666.6	311.1	132.2	118.0	55.8	49.5
Work-in-progress adjustment..	.....do.....	139.7	12.8	-30.9	113.7	45.6	-1.4
Lease and land acquisition of nonproducing acreage.....	.....do.....	3,024.3	434.4	340.5	1,422.7	494.7	332.0
Land department, leasing and scouting.....	.....do.....	126.3	40.3	18.3	40.8	19.7	7.1
Geological and geophysical.....	.....do.....	692.3	69.2	83.6	325.4	153.5	60.5
Lease rents.....	.....do.....	206.7	66.2	36.2	53.9	30.9	19.5
Test hold contributions.....	.....do.....	21.7	5.3	3.8	6.3	3.9	2.3
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	39.8	47.1	80.5	32.8	40.4
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	110.3	91.0	115.0	67.1	21.4
Development expenditures.....	.....do.....	7,734.8	2,259.9	1,016.3	2,887.4	867.2	704.0
Drilling and equipping wells <sup>1</sup> ..	.....do.....	4,154.4	1,164.5	509.9	1,413.0	564.0	503.2
Dry holes.....	.....do.....	453.4	161.8	52.8	140.9	41.9	56.1
Oil.....	.....do.....	1,587.6	545.3	167.7	525.4	179.1	170.0
Gas.....	.....do.....	1,465.4	387.8	239.7	407.9	209.8	220.3
Work-in-progress adjustment..	.....do.....	648.0	69.6	49.6	338.9	133.2	56.7
Lease equipment.....	.....do.....	1,486.8	248.1	177.2	831.5	105.9	123.9
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	769.1	289.8	6.5	9.1	1.8
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3			472.1	138.8	51.5
Production expenditures.....	.....do.....	7,639.9	1,958.2	995.9	2,976.0	1,018.1	691.7
Direct operating expenditures..	.....do.....	4,507.4	1,199.9	503.3	1,686.9	663.8	453.4
Operating and maintenance....	.....do.....	3,647.2	1,020.8	413.9	1,347.1	499.3	366.2
Well workovers.....	.....do.....	577.2	103.6	84.9	246.7	164.5	87.2
Other direct expenses.....	.....do.....	283.0	75.5	4.5	93.2		
Indirect operating expenditures.....	.....do.....	3,132.5	758.4	492.6	1,289.1	354.3	238.3
Taxes (excluding income taxes).....	.....do.....	1,897.9	328.4	287.6	863.4	252.6	166.1
General and administrative overhead.....	.....do.....	865.5	321.8	114.7	425.7	81.4	72.1
Other indirect expenses.....	.....do.....	369.1	108.3	90.1		20.3	
Gross book value of fixed assets...	.....do.....	82,019.5	15,454.7	9,750.7	33,057.6	12,408.0	11,348.5
Oil and gas field properties.....	.....do.....	80,073.0	14,579.4	9,678.8	32,415.7	12,125.7	11,273.4
Nonproducing properties.....	.....do.....	14,652.5	2,542.3	1,890.8	5,830.0	2,187.0	2,203.4
Producing properties.....	.....do.....	60,293.3	10,593.6	7,391.8	24,529.1	9,546.6	8,232.2
Work-in-progress.....	.....do.....	5,126.3	1,443.6	396.3	2,056.6	392.1	837.7
Buildings, other structures, and machinery.....	.....do.....	1,946.4	875.2	71.9	641.9	282.4	75.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 17.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE EXPENDITURES TO TOTAL EXPENDITURES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class <sup>1</sup>				
			.000 or neg.	.001-.199	.200-.399	.400-.599	.600-1.000
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,347.6	356.2	215.0	974.5	754.2	47.7
From stripper well leases.....	.....do.....	269.6	113.9	30.5	80.0	42.0	3.2
Lease condensate.....	.....do.....	112.4	16.9	11.1	42.0	38.0	4.6
Natural gas.....	Bil. cu. ft.	15,893.1	2,392.6	1,983.0	5,762.5	5,118.8	636.2
Lease revenues.....	Mil. dol....	29,366.8	5,228.0	3,053.9	10,963.9	9,312.0	809.0
Crude petroleum and condensate...	.....do.....	18,624.1	3,206.6	1,726.2	7,479.6	5,815.2	396.5
Crude petroleum.....	.....do.....	17,707.0	3,070.4	1,632.2	7,146.6	5,505.7	352.1
Lease condensate.....	.....do.....	917.0	136.1	94.0	333.0	309.5	44.4
Natural gas.....	.....do.....	9,771.7	1,730.0	1,201.7	3,191.1	3,253.7	395.1
Income received from oil and gas royalties.....	.....do.....	856.3	240.1	125.9	258.5	226.0	17.3
Other lease revenues from producing operations.....	.....do.....	114.5	51.3		34.6	17.1	
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	4,906.1	2,404.7	7,976.2	6,347.9	923.8
Exploration expenditures.....	.....do.....	7,183.9	1,309.3	732.8	2,354.9	2,371.1	415.8
Drilling and equipping wells <sup>2</sup> ..	.....do.....	2,467.1	847.9	313.8	627.1	560.7	117.6
Dry holes.....	.....do.....	1,292.4	343.6	179.3	367.5	309.0	93.0
Oil.....	.....do.....	368.2	250.7	28.3	45.2	38.3	5.7
Gas.....	.....do.....	666.6	221.0	169.5	115.4	122.1	38.6
Work-in-progress adjustment..	.....do.....	139.7	32.5	-63.3	99.0	91.3	-19.7
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3	217.6	211.7	1,048.2	1,306.4	240.4
Land department, leasing and scouting.....	.....do.....	126.3	33.2	20.4	39.3	31.0	2.4
Geological and geophysical.....	.....do.....	692.3	44.5	59.5	318.7	251.5	18.0
Lease rents.....	.....do.....	206.7	52.2	30.7	70.4	46.3	7.1
Test hole contributions.....	.....do.....	21.7	2.0	4.2	9.2	5.1	1.1
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	24.2	44.7	84.9	73.8	13.0
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	87.7	47.7	157.0	96.3	16.1
Development expenditures.....	.....do.....	7,734.8	1,928.9	842.2	2,615.9	2,013.1	334.8
Drilling and equipping wells <sup>2</sup> ..	.....do.....	4,154.4	984.0	344.3	1,471.3	1,117.5	237.3
Dry holes.....	.....do.....	453.4	141.0	44.3	160.8	92.4	14.9
Oil.....	.....do.....	1,587.6	474.2	137.0	525.1	386.5	64.8
Gas.....	.....do.....	1,465.4	316.9	170.0	450.2	394.5	133.8
Work-in-progress adjustment..	.....do.....	648.0	51.9	-7.0	335.2	244.1	23.8
Lease equipment.....	.....do.....	1,486.8	217.4	107.0	610.2	489.5	62.7
Lease and land acquisitions of producing acreage.....	.....do.....	381.4	659.8	347.8	19.0	2.8	13.6
Other development expenditures. General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3			378.0	317.8	
Production expenditures.....	.....do.....	7,639.9	1,667.8	829.7	3,005.5	1,963.7	173.2
Direct operating expenditures..	.....do.....	4,507.4	1,018.6	465.7	1,773.9	1,133.1	116.1
Operating and maintenance.....	.....do.....	3,647.2	868.5	390.8	1,417.1	872.0	98.8
Well workovers.....	.....do.....	577.2	89.6	74.9	255.7	164.0	17.2
Other direct expenses.....	.....do.....	283.0	60.4		101.1	97.2	
Indirect operating expenditures.....	.....do.....	3,132.5	649.2	364.0	1,231.6	830.6	57.1
Taxes (excluding income taxes).....	.....do.....	1,897.9	252.9	209.7	835.9	568.7	30.7
General and administrative overhead.....	.....do.....	865.6	292.2	154.3	317.3	261.9	26.4
Other indirect expenses.....	.....do.....	369.1	104.1		78.4		
Gross book value of fixed assets...	.....do.....	82,019.5	12,028.0	8,201.5	32,373.0	24,947.6	4,469.4
Oil and gas field properties.....	.....do.....	80,073.0	11,195.8	8,031.1	31,797.4	24,604.3	4,444.4
Nonproducing properties.....	.....do.....	14,653.5	1,659.0	1,381.6	5,432.6	4,746.3	1,434.0
Producing properties.....	.....do.....	60,293.3	14,747.9		43,027.6		2,517.8
Work-in-progress.....	.....do.....	5,126.3	1,438.7		3,195.1		492.5
Buildings, other structures, and machinery.....	.....do.....	1,946.4	832.2	170.4	575.5	343.3	25.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>This ratio was derived by dividing the sum of expenditure detail collected for offshore areas by the sum of the comparable detail for all geographic areas.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 18.--DETAILED STATISTICS GROUPED BY THE RATIO OF OFFSHORE ASSETS TO TOTAL ASSETS: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class				
			.000	.001-.099	.100-.199	.200-.299	.300-1.000
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,347.6	361.0	71.5	53.2	290.8	1,571.0
From stripper well leases.....	.....do.....	269.6	117.0	18.8		20.9	112.9
Lease condensate.....	.....do.....	112.4	16.8	4.1	3.7	12.4	75.4
Natural gas.....	Bil. cu. ft.	15,893.1	2,546.2	741.0	650.0	1,629.8	10,326.1
Lease revenues.....	Mil. dol....	29,366.8	5,360.8	1,107.6	890.7	3,543.7	18,464.0
Crude petroleum and condensate...	.....do.....	18,624.1	3,245.3	580.1	440.7	2,345.1	12,012.8
Crude petroleum.....	.....do.....	17,707.0	3,110.8	545.3	405.7	2,234.1	11,411.1
Lease condensate.....	.....do.....	917.0	134.4	34.8	35.0	111.1	601.7
Natural gas.....	.....do.....	9,771.7	1,818.9	450.8	427.3	1,045.3	6,029.5
Income received from oil and gas royalties.....	.....do.....	856.3	242.7			148.5	372.4
Other lease revenues from producing operations.....	.....do.....	114.5	53.8	76.8	22.7	4.7	49.2
Expenditures (capitalized and expensed).....	.....do.....	22,558.7	5,028.9	997.9	685.3	2,369.7	13,476.9
Exploration expenditures.....	.....do.....	7,183.9	1,375.5	315.4	263.1	704.5	4,525.4
Drilling and equipping wells <sup>1</sup> .....	.....do.....	2,467.1	893.5	147.4	131.6	185.0	1,109.7
Dry holes.....	.....do.....	1,292.4	365.2	68.7	78.1	116.4	664.1
Oil.....	.....do.....	368.2	255.4	14.0	19.5	11.5	67.9
Gas.....	.....do.....	666.6	277.2	73.2	51.5	44.6	220.0
Work-in-progress adjustment.....	.....do.....	139.7	-4.5	-8.5	-17.5	12.6	157.7
Lease and land acquisitions of nonproducing acreage.....	.....do.....	3,024.3	237.5	68.0	53.8	295.0	2,370.1
Land department, leasing and scouting.....	.....do.....	126.3	32.3	15.5	2.6	11.0	64.8
Geological and geophysical.....	.....do.....	692.3	44.8	27.4	25.2	68.5	526.4
Lease rents.....	.....do.....	206.7	53.8	15.5			100.6
Test hole contributions.....	.....do.....	21.7	2.0			28.6	12.7
Other exploration expenditures, including direct overhead.....	.....do.....	240.6	25.1	19.2	37.9	42.5	131.1
General and administrative overhead not reported elsewhere.....	.....do.....	404.8	86.5	22.4	11.9	73.8	210.1
Development expenditures.....	.....do.....	7,734.8	1,948.1	424.9	186.5	728.1	4,447.2
Drilling and equipping wells <sup>1</sup> .....	.....do.....	4,154.4	1,004.2	140.7	123.3	408.5	2,477.7
Dry holes.....	.....do.....	453.4	146.2	17.2	29.1	33.2	227.7
Oil.....	.....do.....	1,587.6	479.4	48.5	42.5	159.1	858.1
Gas.....	.....do.....	1,465.4	327.2	78.5	60.1	146.2	853.3
Work-in-progress adjustment.....	.....do.....	648.0	51.4	-3.5	-8.3	69.9	538.6
Lease equipment.....	.....do.....	1,486.8	216.1	34.7	37.4	140.2	1,058.3
Lease and land acquisitions of producing acreage.....	.....do.....	381.4			7.2	83.7	15.4
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	1,357.3	661.9	232.8	8.3	69.2	660.3
Production expenditures.....	.....do.....	7,639.9	1,705.2	257.6	235.7	937.1	4,504.3
Direct operating expenditures.....	.....do.....	4,507.4	1,042.7	147.9	123.7	493.7	2,699.4
Operating and maintenance.....	.....do.....	3,647.2	884.3	126.8	102.1	397.5	2,136.6
Well workovers.....	.....do.....	577.2	94.2	21.1	21.6	79.1	375.0
Other direct expenses.....	.....do.....	283.0	64.2			17.2	187.8
Indirect operating expenditures.....	.....do.....	3,132.5	662.6	109.7	112.0	443.4	1,804.9
Taxes (excluding income taxes).....	.....do.....	1,897.9	261.7	74.1	69.7	256.8	1,235.6
General and administrative overhead.....	.....do.....	865.5	295.3	34.0			400.2
Other indirect expenses.....	.....do.....	369.1	105.6	1.7	42.3	186.5	169.1
Gross book value of fixed assets...	.....do.....	82,019.5	12,460.9	3,629.0	2,576.8	7,594.9	55,758.0
Oil and gas field properties.....	.....do.....	80,073.0	11,629.7	3,585.5	2,512.7	7,459.0	54,886.1
Nonproducing properties.....	.....do.....	14,653.5	1,736.3	471.4	400.4	1,439.3	10,606.0
Producing properties.....	.....do.....	60,293.3	8,626.1	3,005.5	2,026.3	5,735.6	40,899.7
Work-in-progress.....	.....do.....	5,126.3	1,267.3	108.6	86.0	284.0	3,380.4
Buildings, other structures, and machinery.....	.....do.....	1,946.4	831.2	43.4	64.1	135.9	871.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.



Table 19.--DETAILED STATISTICS FOR OFFSHORE RANKED BY TOTAL LEASE REVENUES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Companies ranked by total lease revenue					
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies	
Sales volumes:								
Crude petroleum and condensate...	Mil. bbl....	347.6	199.6	90.0	44.5	10.6	2.9	
From stripper well leases.....	do.....	3.1	3.8			(2)	.3	
Lease condensate.....	do.....	27.3	14.4	6.4	4.3	1.9	.3	
Natural gas.....	Bil. cu. ft.	(D)	1,657.2	971.6	460.5	(D)	31.3	
Lease revenues:								
Crude petroleum and condensate...	Mil. dol....	4,280.6	2,321.4	1,006.8	621.0	284.3	47.2	
Crude petroleum.....	do.....	2,597.8	1,555.1	572.7	352.5	91.7	25.8	
Crude petroleum.....	do.....	2,370.0	1,443.3	522.0	308.9	73.0	22.9	
Lease condensate.....	do.....	227.7	111.8	50.6	43.7	18.8	2.8	
Natural gas.....	do.....	(D)	759.1	428.0	266.6	191.8	21.2	
Income received from oil and gas royalties.....	do.....	11.8	5.9	6.1	.5		-	
Other lease revenues from producing operations.....	do.....	(D)	1.3		1.3		.8	.2
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1</sup> ..	do.....	717.9	338.5	112.6	153.8	74.1	38.9	
Dry holes.....	do.....	461.3	217.5	73.2	85.9	60.6	24.2	
Oil.....	do.....	256.5	17.0	6.2	8.6	13.5	1.7	
Gas.....	do.....		24.8	10.5	56.7		11.3	
Work-in-progress adjustment..	do.....		79.3	22.8	2.5		1.7	
Lease and land acquisitions of nonproducing acreage.....	do.....	2,251.4	1,295.9	348.5	392.2	140.6	74.3	
Land department, leasing and scouting.....	do.....	6.0	1.5	1.3	2.0	1.1	.2	
Geological and geophysical.....	do.....	154.3	77.6	34.8	31.5	7.0	3.4	
Lease rents.....	do.....	21.7	11.9	3.6	4.0	1.6	.7	
Test hole contributions.....	do.....	5.9	3.8		1.1	.2	.8	
Development expenditures:								
Drilling and equipping wells <sup>1</sup> ..	do.....	1,262.5	626.5	258.5	230.1	111.4	36.0	
Dry holes.....	do.....	1,262.5	39.8	24.6	19.2	8.5	18.7	
Oil.....	do.....		144.9	92.9	47.4	31.5		
Gas.....	do.....		154.4	97.3	122.4	71.5		15.2
Work-in-progress adjustment..	do.....		287.4	43.7	41.2			2.0
Lease equipment.....	do.....	(D)	236.0	(D)	80.8	33.6	7.6	
Lease and land acquisitions of producing acreage.....	do.....	23.2	-	22.8			.5	
Production expenditures:								
Direct operating expenditures..	do.....	605.9	330.1	142.4	93.0	32.2	8.2	
Operating and maintenance....	do.....	452.1	223.0	120.0	78.2	24.8	6.1	
Well workovers.....	do.....	108.0	69.0	22.4	11.6	7.3	2.1	
Other direct expenses.....	do.....	45.9	38.1		3.2		.1	
Indirect operating expenditures:								
Taxes (excluding income taxes).....	do.....	97.8	60.8	26.8	7.9	1.6	.8	
Other indirect expenses.....	do.....	39.9	23.8	12.2	3.8		.2	
Gross book value of fixed assets:								
Oil and gas field properties.....	do.....	26,826.4	14,396.9	5,113.6	4,531.0	1,986.3	798.5	
Nonproducing properties.....	do.....	26,691.9	14,288.9	5,105.2	0,999.4		798.3	
Producing properties.....	do.....	9,654.2	5,160.7	1,510.5	1,860.5	714.1	408.4	
Work-in-progress.....	do.....	15,449.6	8,577.2	3,165.2	2,523.6	973.1	210.5	
	do.....	1,588.1	551.0	429.5	428.1		179.4	
Buildings, other structures, and machinery.....	do.....	134.4	108.0	8.4	17.8		.2	

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing individual companies. (2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier years drilling and equipping expenditures for wells completed during the survey year.

Table 20.--DETAILED STATISTICS GROUPED BY THE RATIO OF EXPLORATORY AND DEVELOPMENT DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPLORATION AND DEVELOPMENT EXPENDITURES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class							
			.000	.001-.199	.200-.249	.250-.349	.350-.399	.400-.499	.500-.599	.600-1.000
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,347.6	25.8	21.7	3.0	614.8	303.5	978.4	101.1	299.3
From stripper well leases.....	.....do.....	269.6	14.1	3.0	0.5	42.3	33.2	78.4	19.6	78.6
Lease condensate.....	.....do.....	112.4	0.1	1.4	(Z)	26.4	14.7	40.3	10.7	18.7
Natural gas.....	Bil. cu. ft.	15,893.1	285.2	145.1	8.2	3,924.4	1,693.0	6,116.4	1,323.0	2,397.9
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	29,366.8	459.0	292.1	25.0	7,736.5	3,392.7	11,054.9	1,895.4	4,511.2
Crude petroleum.....	.....do.....	18,624.1	236.6	142.6	18.1	4,829.5	2,344.1	7,516.2	891.0	2,646.0
Crude petroleum.....	.....do.....	17,707.0	236.2	142.6	18.1	4,620.8	2,232.0	7,176.0	805.7	2,485.2
Lease condensate.....	.....do.....	917.0	0.4			208.7	112.1	340.0	85.3	160.8
Natural gas.....	.....do.....	9,771.7	200.1	101.8	3.3	2,734.0	996.0	3,205.7	894.7	1,636.2
Income received from oil and gas royalties.....	.....do.....	856.3	22.1	47.2			42.8	310.2	100.8	178.3
Other lease revenues from producing operations.....	.....do.....	114.5	0.3	0.5	3.5	173.0	9.7	22.9	8.9	50.6
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	.....do.....	22,558.7	202.6	1,110.3	28.6	5,470.3	2,638.0	7,552.9	1,720.8	3,835.1
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7,183.9	1.9	(D)	6.0	1,781.7	952.1	2,232.1	(D)	1,445.0
Dry holes.....	.....do.....	2,467.1	-	28.9	2.8	341.7	185.9	631.5	254.7	1,021.7
Oil.....	.....do.....	1,292.4	-	10.7	0.7	196.5	101.4	396.8	123.4	463.0
Gas.....	.....do.....	368.2	-	7.8	2.3	24.2	17.9	44.7	36.3	241.8
Work-in-progress adjustment.....	.....do.....	666.6	-			49.1	47.2	126.4	72.9	364.1
Lease and land acquisitions of nonproducing acreage.....	.....do.....	139.7	-	10.4	-0.1	71.8	19.3	63.7	22.0	-47.3
Land department, leasing and scouting.....	.....do.....	3,024.3		(D)		1,066.7	499.4	957.7	(D)	188.0
Geological and geophysical.....	.....do.....	126.3	1.9	2.6	2.5	25.5	15.7	37.4	10.9	33.9
Lease rents.....	.....do.....	692.3		5.0		175.3	146.6	258.0	51.0	55.8
Test hole contributions.....	.....do.....	206.7		3.7	(D)	30.1	28.2	71.5	25.0	46.6
Other exploration expenditures, including direct overhead.....	.....do.....	21.7	-	(Z)	-	4.8	3.0	10.8	1.5	1.6
General and administrative overhead not reported elsewhere.....	.....do.....	240.6	-	2.4		39.3	22.0	116.9	27.8	32.2
Development expenditures.....	.....do.....	404.8	(Z)	19.3	0.1	98.4	51.4	148.1	22.3	65.1
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7,734.8	1.5	(D)	12.6	1,955.7	761.6	2,333.1	(D)	1,185.5
Dry holes.....	.....do.....	4,154.4	-	(D)	1.4	767.4	449.1	1,449.1	(D)	975.1
Oil.....	.....do.....	453.4	-			52.9	48.7	158.8	62.4	126.5
Gas.....	.....do.....	1,587.6	-	30.9	1.4	312.1	137.5	526.3	(D)	439.9
Work-in-progress adjustment.....	.....do.....	1,465.4	-			219.6	160.0	500.4	192.5	375.4
Lease equipment.....	.....do.....	648.0	-	(D)		182.8	102.9	263.5	(D)	33.3
Lease and land acquisitions of producing acreage.....	.....do.....	1,486.8		44.7		670.8	111.9	427.2	111.7	117.2
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	381.4	1.5	(D)	10.2	378.6	6.5	27.8	28.5	19.1
Production expenditures.....	.....do.....	1,357.3		(D)			168.1	319.5	30.8	28.4
Direct operating expenditures.....	.....do.....	354.8	-	11.3	1.0	138.9	26.0	109.5	22.5	45.7
Operating and maintenance.....	.....do.....	7,639.9	199.1	94.9	10.0	1,733.0	924.2	2,987.6	486.3	1,204.7
Well workovers.....	.....do.....	4,507.4	107.2	43.2	7.4	899.3	635.6	1,739.0	305.4	770.3
Other direct expenses.....	.....do.....	3,647.2	91.6			715.9	497.5	1,380.4	264.5	650.4
Indirect operating expenditures.....	.....do.....	577.2	11.9	43.2	7.4	102.7	138.0	277.7	40.9	76.6
Taxes (excluding income taxes).....	.....do.....	283.0	3.8			80.7		80.9		43.2
General and administrative overhead.....	.....do.....	3,132.5	92.0	51.6	2.6	833.7	288.6	1,248.6	180.9	434.5
Other indirect expenses.....	.....do.....	1,897.9	19.1	29.2	1.7	512.9	197.1	825.9	95.7	216.3
Gross book value of fixed assets.....	.....do.....	865.5	51.0	0.9		320.8	91.5	325.5	69.4	168.9
Oil and gas field properties.....	.....do.....	369.1	21.9	22.4	(Z)			97.2	15.9	49.3
Nonproducing properties.....	.....do.....	82,019.5	774.7	2,157.6	72.3	18,209.8	9,505.6	32,166.5	7,385.0	11,748.0
Producing properties.....	.....do.....	80,073.0	660.8	2,131.5	70.5	17,913.7	9,332.6	31,601.1	7,289.2	11,073.5
Work-in-progress.....	.....do.....	14,653.5			8.9	3,481.9	1,615.0	6,125.5	1,243.1	1,922.5
Buildings, other structures, and machinery.....	.....do.....	60,293.3	660.8	2,131.5	61.6	12,723.5	7,717.6	24,562.1	6,046.1	8,574.4
	.....do.....	5,126.3				1,708.4		913.5		576.7

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures for prior year. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 21.--DETAILED STATISTICS GROUPED BY THE RATIO OF DRY HOLE EXPENDITURES TO TOTAL DRILLING AND EQUIPPING EXPENDITURES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class									
			.000-	.001-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-.399	.400-.499	.500-.699	.700-1.000
Sales volumes:												
Crude petroleum and condensate...	Mil. bbl....	2,347.6	62.3	61.5	49.7	397.3	831.5	232.4	561.0	74.5	53.8	23.6
From stripper well leases.....	....do.....	269.6	30.1	24.3	6.6	38.3	47.9	35.7	54.7	10.4	11.9	9.5
Lease condensate.....	....do.....	112.4	2.1	2.3	5.7	15.0	31.9	17.0	29.9	4.3	3.2	1.0
Natural gas.....	Bil. cu. ft.	15,893.1	528.1	340.6	712.4	2,504.3	5,090.4	1,746.9	3,981.7	466.5	360.5	161.6
Lease revenues:												
Crude petroleum and condensate...	Mil. dol....	29,366.8	1,024.2	866.2	906.0	4,583.5	10,331.4	2,814.4	6,880.4	910.7	717.4	332.7
Crude petroleum and condensate...	....do.....	18,624.1	593.4	598.0	420.2	3,034.6	6,603.3	1,750.5	4,379.1	586.9	443.5	214.6
Crude petroleum.....	....do.....	17,707.0	577.3	581.0	370.7	2,920.6	6,252.4	1,704.9	4,124.2	550.5	418.1	207.3
Lease condensate.....	....do.....	917.0	16.1	17.0	49.5	114.0	350.9	45.5	254.8	36.4	25.3	7.3
Natural gas.....	....do.....	9,771.7	347.5	235.2	482.1	1,430.9	3,516.9	926.5	2,300.4	284.3	229.2	109.2
Income received from oil and gas royalties.....	....do.....	856.3	81.3	28.8								
Other lease revenues from producing operations.....	....do.....	114.5	2.0	4.1								
Expenditures (capitalized and expensed):												
Exploration expenditures.....	....do.....	22,558.7	703.4	1,392.5	619.0	3,700.3	6,932.1	2,314.6	5,082.9	814.9	734.9	264.0
Drilling and equipping wells <sup>1</sup> ..	....do.....	7,183.9	159.9	206.9	185.0	1,198.1	2,297.1	698.2	1,680.3	325.9	322.5	110.1
Dry holes.....	....do.....	2,467.1	100.9	139.5	60.7	267.2	574.4	276.9	625.0	152.3	198.7	71.5
Oil.....	....do.....	1,292.4	-	13.2	15.6	115.7	301.1	126.2	392.5	108.2	145.1	74.9
Gas.....	....do.....	368.2	75.5	49.2	29.9	27.4	56.0	59.0	45.5	17.0	18.7	23.6
Work-in-progress adjustment..	....do.....	666.6	24.2	65.9								
Lease and land acquisitions of nonproducing acreage.....	....do.....	139.7	0.9	11.2								
Land department, leasing and scouting.....	....do.....	3,024.3	28.1	34.5	614.1	1,139.1	243.1	699.7	108.5	61.0	15.0	
Geological and geophysical.....	....do.....	126.3										
Lease rents.....	....do.....	692.3										
Test hole contributions.....	....do.....	206.7										
Other exploration expenditures, including direct overhead.....	....do.....	21.7	(2)	0.2	4.7	6.6	1.3	4.5	0.2	14.8	0.5	
General and administrative overhead not reported elsewhere.....	....do.....	240.6	0.6	1.8	14.8	25.9	80.3	41.0	49.3	14.3	11.0	1.6
Development expenditures.....	....do.....	404.8	28.0	9.2	6.7	66.1	161.4	28.9	65.1	17.9	17.2	4.3
Drilling and equipping wells <sup>1</sup> ..	....do.....	7,734.8	115.7	914.0	239.4	1,387.3	2,281.2	836.5	1,505.4	232.1	176.1	47.1
Dry holes.....	....do.....	4,154.4	88.9	273.7	176.3	726.4	1,293.1	433.9	893.9	141.2	93.7	33.3
Oil.....	....do.....	453.4	(2)	10.4	13.0	49.3	110.7	66.4	135.4	25.0	23.4	19.8
Gas.....	....do.....	1,587.6	61.5	120.6	82.3	275.4	495.1	146.8	309.2	60.9	26.2	9.6
Work-in-progress adjustment..	....do.....	1,465.4	29.2	76.2	76.1	195.3	403.9	195.4	388.3	46.2	44.1	3.9
Lease equipment.....	....do.....	648.0	-1.8	66.5	4.9	206.4	283.4	25.3	61.0	9.1		
Lease and land acquisitions of producing acreage.....	....do.....	1,486.8	9.3	619.5	35.3	386.6	491.2	104.9	311.6	68.4	26.7	9.0
Other development expenditures, General and administrative overhead not reported elsewhere.....	....do.....	381.4	5.4									
General and administrative overhead not reported elsewhere.....	....do.....	1,357.3	2.1									
Production expenditures.....	....do.....	354.8	10.1	20.8	8.3	108.0	87.9	29.7	71.5	8.8	7.0	2.8
Direct operating expenditures..	....do.....	7,639.9	427.8	271.6	194.6	1,114.9	2,353.9	779.9	1,897.3	256.8	236.3	106.8
Operating and maintenance.....	....do.....	4,507.4	232.9	171.3	135.9	693.5	1,255.8	491.8	1,143.6	165.3	146.8	70.5
Well workovers.....	....do.....	3,647.2	199.7	157.4	116.6	579.3	967.5	435.3	860.6	146.3	120.7	63.8
Other direct expenses.....	....do.....	577.2	24.9	9.7	19.3	40.6	206.0	46.5	203.2	14.2	16.2	6.7
Indirect operating expenditures.....	....do.....	283.0	8.4	4.1								
Taxes (excluding income taxes).....	....do.....	3,132.5	195.1	100.3								
General and administrative overhead.....	....do.....	1,897.9	37.7	62.9	31.8	302.1	654.8	180.3	523.7	51.3	39.6	13.8
Other indirect expenses.....	....do.....	865.5	100.2	37.5	26.3	97.5	236.4	78.5	202.6	34.3	44.4	22.4
Gross book value of fixed assets...	....do.....	369.1	57.1									
Oil and gas field properties.....	....do.....	82,019.5	1,919.2									
Nonproducing properties.....	....do.....	80,073.0	1,629.2	3,363.8	3,438.4	14,514.9	22,708.6	7,936.1	20,814.3	3,220.2	1,664.6	782.9
Producing properties.....	....do.....	14,653.5	3,743.0			4,141.6	1,350.0	4,291.1	696.5	255.2	176.1	
Work-in-progress.....	....do.....	60,293.3	1,327.9	1,827.8	2,679.6	10,940.3	16,986.6	6,298.0	15,985.9	2,321.3	1,327.6	598.2
Buildings, other structures, and machinery.....	....do.....	5,126.3	2,427.5			1,580.5	288.2	537.3	202.4	81.7	8.7	
	....do.....	1,946.4	290.0	135.5	106.1	246.0	349.3	252.9	382.8	62.8	60.0	61.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 22.--DETAILED STATISTICS GROUPED BY THE RATIO OF TOTAL EXPLORATORY DRILLING AND EQUIPPING EXPENDITURES TO TOTAL EXPENDITURES: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Company statistics grouped by selected size-class								
			.000	.001-.039	.040-.049	.050-.099	.100-.149	.150-.199	.200-.249	.250-.299	.300-1.000
Sales volumes:											
Crude petroleum and condensate....	Mil. bbl....	2,347.6	91.0	101.4	213.9	1,476.5	181.6	85.8	54.7	41.4	101.2
From stripper well leases.....	.....do.....	269.6	46.9	16.2	23.7	103.4	20.8	13.4	17.5	5.3	22.4
Lease condensate.....	.....do.....	112.4	1.5	3.9	9.2	65.0	11.6	4.4	3.1	4.8	8.8
Natural gas.....	Bil. cu. ft.	15,893.1	561.0	620.2	1,649.9	8,945.5	1,348.0	846.7	565.4	358.1	998.3
Lease revenues.....											
Crude petroleum and condensate....	Mil. dol....	29,366.8	1,309.5	1,273.3	2,652.1	17,152.7	2,354.6	1,387.1	843.9	667.3	1,726.3
Crude petroleum.....	.....do.....	18,624.1	838.9	812.4	1,625.6	11,488.0	1,425.5	757.7	470.3	326.6	879.0
Crude petroleum.....	.....do.....	17,707.0	828.3	787.6	1,553.6	10,961.9	1,320.0	714.8	441.6	291.9	807.2
Lease condensate.....	.....do.....	917.0	10.6	24.8	72.0	526.1	105.5	42.9	28.7	34.7	71.7
Natural gas.....	.....do.....	9,771.7	418.3	372.4	972.6	5,282.0	765.9	585.4	335.9	305.5	733.7
Income received from oil and gas royalties.....	.....do.....	856.3	47.9	86.0	53.8	339.9	150.7	38.0	37.5	35.2	75.9
Other lease revenues from producing operations.....	.....do.....	114.5	4.4	2.6		42.7	12.4	6.1			
Expenditures (capitalized and expensed).....											
Exploration expenditures.....	.....do.....	22,558.7	794.4	1,732.5	1,657.7	11,952.4	1,937.0	1,255.0	932.1	641.1	1,656.5
Drilling and equipment wells <sup>1</sup> .....	.....do.....	7,183.9	15.5	265.7	428.7	3,559.8	800.1	479.0	400.7	286.0	948.4
Dry holes.....	.....do.....	2,467.1	-	38.8	68.6	793.8	242.8	222.8	203.5	174.9	722.0
Oil.....	.....do.....	1,292.4	-	24.2	39.1	487.3	141.7	127.2	105.4	102.2	265.3
Gas.....	.....do.....	368.2	-	4.2	7.2	51.7	33.3	30.9	32.2	27.4	181.3
Work-in-progress adjustment..	.....do.....	666.6	-	3.2	11.5	148.5	52.7	51.0	65.2	48.8	285.6
Lease and land acquisitions of nonproducing acreage.....	.....do.....	139.7	-	7.1	10.8	106.4	15.1	13.6	0.7	-3.5	-10.4
Land department, leasing and scouting.....	.....do.....	3,024.3	4.7	394.4		1,789.9	396.7	155.8	128.3	58.3	96.2
Geological and geophysical.....	.....do.....	126.3	2.1	4.9		56.8	17.2	7.6	5.5	4.8	20.1
Lease rents.....	.....do.....	692.3	2.3	85.2		451.9	52.5	27.8	16.0	23.9	29.7
Test hole contributions.....	.....do.....	206.7	4.7	7.8		98.9	23.9	19.6	15.6	11.9	21.5
Other exploration expenditures, including direct overhead.....	.....do.....	21.7	1.8	0.2		12.1		1.4	1.7		1.1
General and administrative overhead not reported elsewhere.....	.....do.....	240.6		22.7		50.4	131.5	27.4	16.9	12.8	14.5
Development expenditures.....	.....do.....	404.8	4.7	394.4		1,789.9	396.7	155.8	128.3	58.3	96.2
Drilling and equipping wells <sup>1</sup> .....	.....do.....	7,734.8	249.6	1,094.8	523.7	4,055.7	545.8	456.7	293.0	181.5	334.0
Dry holes.....	.....do.....	4,154.4	180.3	266.2	249.8	2,200.7	346.3	311.5	213.1	139.1	247.2
Oil.....	.....do.....	453.4	29.3	31.0	22.7	197.5	40.5	39.7	27.4	25.2	40.1
Gas.....	.....do.....	1,587.6	109.7	91.3	108.2	783.6	137.8	140.0	87.5	53.4	76.1
Work-in-progress adjustment..	.....do.....	1,465.4	42.8	59.3	95.9	719.3	137.2	124.6	103.9	60.7	121.6
Lease equipment.....	.....do.....	648.0	-1.4	84.6	22.9	500.2	30.9	7.2	-5.7	-0.2	9.5
Lease and land acquisitions of producing acreage.....	.....do.....	1,486.8	45.7	814.2	118.3	988.7	88.2	63.7	43.2	31.2	48.9
Other development expenditures, General and administrative overhead not reported elsewhere.....	.....do.....	381.4	5.0		114.7	16.9	42.4	48.1	7.4		9.7
Production expenditures.....	.....do.....	1,357.3	7.2	14.5		40.9	204.5	31.7	17.4	14.2	13.1
Direct operating expenditures.....	.....do.....	354.8	11.3	14.5		40.9	204.5	31.7	17.4	14.2	13.1
Operating and maintenance.....	.....do.....	7,639.9	529.2	171.9	705.2	4,337.1	591.2	319.2	238.5	173.6	374.1
Well workovers.....	.....do.....	4,507.4	340.1	223.5	405.9	2,518.6	347.9	190.8	149.3	97.2	234.0
Other direct expenses.....	.....do.....	3,647.2	271.2	202.7	336.7	1,973.1	298.4	160.0	128.4	75.8	200.7
Indirect operating expenditures.....	.....do.....	577.2	35.7	20.8	69.2	373.9	35.6	22.4	12.7	13.8	20.3
Taxes (excluding income taxes).....	.....do.....	283.0	33.1		69.2	171.7	13.8	8.4	8.2	7.6	13.0
General and administrative overhead.....	.....do.....	3,132.5	189.1	148.4	299.3	1,818.5	243.3	128.4	89.2	76.4	140.0
Other indirect expenses.....	.....do.....	1,897.9	58.3	86.5	183.2	1,175.3	156.4	67.0	46.3	43.5	81.5
Gross book value of fixed assets.....	.....do.....	865.5	90.7	57.5	116.1	438.4	86.9	49.4	28.2	22.3	58.5
Oil and gas field properties.....	.....do.....	369.1	40.2	4.4		204.8		12.0	14.7	10.7	
Nonproducing properties.....	.....do.....	82,019.5	2,272.7	5,002.5	6,443.6	46,906.9	7,050.1	4,373.9	3,072.8	1,886.5	5,010.5
Producing properties.....	.....do.....	80,073.0	2,054.1	4,963.4	6,372.3	45,974.9	6,863.0	4,232.3	2,994.3	1,795.9	4,822.7
Work-in-progress.....	.....do.....	14,653.5	1,987.4		7,850.8	1,636.0	971.1	959.2	261.4	987.6	987.6
Buildings, other structures, and machinery.....	.....do.....	60,293.3	1,855.6	3,065.1	5,008.7	35,377.2	4,998.0	3,165.4	1,864.9	1,487.9	3,470.4
	.....do.....	5,126.3	1,473.0		2,746.9	229.0	95.8	170.3	46.6	364.6	364.6
	.....do.....	1,946.4	218.5	39.2	71.3	932.0	187.1	141.6	78.5	90.5	187.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 23.--DETAILED STATISTICS FOR THE ONSHORE-LOWER 48 STATES GROUPED BY STRIPPER WELL LEASE SPECIALIZATION RATIO: 1976

(Net company interest basis)

Item	Unit of measure	Total United States	Companies grouped by selected size-class									
			.000-.049	.050-.099	.100-.149	.150-.199	.200-.299	.300-.399	.400-.499	.500-.599	.600-.799	.800-1.000
Sales volumes:												
Crude petroleum and condensate...	Mil. bbl....	1,992.5	557.0	596.0	313.9	302.1	65.3	28.3	24.3	25.3	16.4	63.7
From stripper well leases.....	.....do.....	266.5	14.4	45.2	36.5	47.6	15.6	9.7	10.3	14.4	11.2	61.6
Lease condensate.....	.....do.....	85.1	25.9	27.8	12.6	11.5	3.7	.5	1.4	.6	.5	.6
Natural gas.....	8il. cu. ft.	12,373.7	3,905.2	3,524.0	1,995.6	1,509.7	543.5	149.7	166.3	120.0	172.3	287.3
Lease revenues:												
Crude petroleum and condensate...	Mil. dol....	25,018.5	7,725.8	7,046.5	3,694.5	3,327.7	990.5	401.6	355.4	294.0	281.4	901.1
Crude petroleum and condensate...	.....do.....	15,988.6	4,459.8	4,600.5	2,412.5	2,333.5	587.0	256.2	230.6	234.4	171.2	702.9
Crude petroleum.....	.....do.....	15,299.2	4,240.7	4,377.5	2,308.8	2,255.2	550.5	251.7	220.4	228.4	167.7	698.3
Lease condensate.....	.....do.....	689.1	219.1	223.0	103.7	78.1	36.5	4.5	10.2	6.0	3.5	4.6
Natural gas.....	.....do.....	8,081.7	2,991.7	2,210.1	1,159.5	852.9	364.7	88.9	110.2	51.8	91.0	160.9
Income received from oil and gas royalties.....	.....do.....	844.3	260.9	190.5	111.7	129.3	33.8	53.3	13.7	7.3	13.9	29.9
Other lease revenues from producing operations.....	.....do.....	103.6	13.2	45.3	10.8	12.0	5.0	3.2	1.0	.5	5.3	7.4
Expenditures capitalized and expensed:												
Exploration expenditures:												
Drilling and equipping wells <sup>1</sup> ...	.....do.....	1,672.8	550.3	316.8	202.1	168.2	125.8	43.8	51.4	39.3	25.8	149.4
Dry holes.....	.....do.....	795.3	309.6	138.6	91.0	66.3	73.1	19.7	18.7	16.1	9.2	32.9
Oil.....	.....do.....	321.7	70.8	41.6	19.2	30.1	36.2	8.4	11.9	15.1	8.4	80.0
Gas.....	.....do.....	545.4	152.3	102.9	71.6	62.3	29.5	15.8	21.9	7.9	7.5	73.6
Work-in-progress adjustment..	.....do.....	10.5	17.7	33.5	20.3	-10.6	-12.8	-1.1	-1.0	.1	.7	-37.3
Lease and land acquisitions of nonproducing acreage.....	.....do.....	770.3	219.5	179.9	186.0	81.1	55.2	13.4	12.2	6.3	5.1	11.6
Land department, leasing and scouting.....	.....do.....	118.9	63.7		24.2	14.4	6.5	1.1	4.1	2.4		2.6
Geological and geophysical.....	.....do.....	481.1	104.0	191.4	104.7	53.4	12.7	2.7	4.6	1.3	1.0	5.3
Lease rents.....	.....do.....	182.8	64.6	34.9	31.8	23.5	11.3	3.7	4.7	2.0	1.3	5.1
Test hole contributions.....	.....do.....	15.7	7.5		4.4	2.4	.2	.2	.1	.2		.7
Development expenditures:												
Drilling and equipping wells <sup>1</sup> ...	.....do.....	2,714.4	818.5	633.8	364.1	380.7	212.4	70.5	61.3	28.6	40.4	104.2
Dry holes.....	.....do.....	357.2	101.3	75.2	31.8	65.0	42.5	6.8	5.5	5.2	4.8	19.0
Oil.....	.....do.....	1,212.6	331.8	295.2	153.2	152.6	92.2	43.3	35.0	13.3	27.5	68.4
Gas.....	.....do.....	1,012.3	348.8	231.5	138.8	126.2	89.6	21.8	19.6	10.1	8.0	18.0
Work-in-progress adjustment..	.....do.....	132.6	36.6	31.9	40.2	36.9	-11.9	-1.3	1.3	(2)	-	-1.1
Lease equipment.....	.....do.....	668.2	188.2	205.6	281.2	94.3	93.8	13.5	10.3	4.6	9.1	26.9
Lease and land acquisitions of producing acreage.....	.....do.....	358.1	49.5	18.1								
Production expenditures:												
Direct operating expenditures...	.....do.....	3,878.4	798.6	1,152.6	574.2	621.8	177.0	73.5	87.8	64.7	65.7	262.5
Operating and maintenance....	.....do.....	3,177.3	629.0	865.1	503.6	548.0	157.5	57.8	75.4	58.0	55.2	227.7
Well workovers.....	.....do.....	467.3	118.1	178.2	53.1	53.3	14.4	5.9	9.8	4.1	6.9	23.5
Other direct expenses.....	.....do.....	233.8	51.5	109.3	17.5	20.5	5.1	9.8	2.6	2.6	3.6	11.3
Indirect operating expenditures:												
Taxes excl. income taxes <sup>1</sup> ...	.....do.....	1,778.9	504.7	561.8	277.9	270.7	60.0	24.2	23.6	11.1	9.9	35.2
Other indirect expenses.....	.....do.....	324.0	163.9	32.7	49.7	22.4	15.8	3.6	8.2	12.1	4.2	11.5
Gross book value of fixed assets:												
Oil and gas field properties.....	.....do.....	51,522.0	12,992.8	15,282.7	7,874.9	8,177.5	2,560.9	913.2	830.9	372.2	384.5	2,132.4
Nonproducing properties.....	.....do.....	49,848.4	12,558.7	14,747.5	7,726.0	8,011.4	2,519.0	814.2	781.1	341.2	357.3	1,992.0
Producing properties.....	.....do.....	4,353.4	1,649.6	753.7	585.5	510.3	318.9	105.4	104.2	27.2	15.5	283.1
Work-in-progress.....	.....do.....	44,095.7	10,367.8	13,595.8	7,019.7	7,272.2	2,162.9	688.0	661.5	310.5	340.9	1,676.2
Buildings, other structures, and machinery.....	Mil. dol....	1,399.4	541.3	398.0	120.8	228.9	37.1	20.8	15.4	3.5	.8	32.7
Buildings, other structures, and machinery.....	Mil. dol....	1,673.6	434.2	535.2	148.9	166.1	42.0	99.0	49.8	30.9	27.1	140.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include prior year expenditures. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.



# Appendix A

PENALTY FOR FAILURE TO REPORT

DUE DATE: April 15, 1977

Form Approved O.M.B. No. 41-R2797

FORM MA-13K  
(11-31-77)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

## 1976 ANNUAL SURVEY OF OIL AND GAS

Please complete and return  
this form as soon as possible  
after receipt to:

BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

**NOTE** - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.

If book figures are not available, carefully prepared estimates are acceptable. Complete every item.

If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

**NOTICE** - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report  
please refer to this Census File Number.

PLEASE RETURN THIS COPY

Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.

### GENERAL INSTRUCTIONS

#### ► PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ► WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during 1976 is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during 1976 is required to submit data for column (m).

#### ► WHAT ACTIVITIES SHOULD BE REPORTED?

This report includes production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ► WHAT PERIOD SHOULD REPORT COVER?

This report should cover calendar year 1976. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ► HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquid plants.

#### ► HOW SHOULD DATA BE ROUNDED?

All data entries except employment should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ► HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

► 1. By Geographical Area - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

► 2. By Lease Classification - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

► 3. By Operator - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ► HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to:

Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

CERTIFICATION	Name of person to contact regarding this report	Address (Number and street, city, State)	ZIP code	Telephone		
				Area code	Number	Extension
	This report is substantially accurate and covers the period from _____ to _____					
	Name of company	Address (Number and street, city, State)		ZIP code		
	Signature of authorized person	Title		Date		

## 1976 ANNUAL SURVEY OF OIL AND GAS

Line number		Item	Unit of measure	NET COMPANY INTEREST BASIS																GROSS OPERATOR BASIS
				TOTAL UNITED STATES	GEOGRAPHICAL AREA				LEASE CLASSIFICATION				OPERATOR				TOTAL OPERATOR ACCOUNT (m)			
					Alaska		Lower 48		Oil leases (h)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)							
					Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)												
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)								
I. SALES VOLUMES																				
A. Total crude petroleum and condensate																				
1	Thousand barrels		01024	01032	01040	01057	01065	01073	01081	01099	01107	01115	1							
2	Thousand barrels	92014	02022	02030	02048	02055	02063	02071	02089	02097	02105	02113	2							
3	Thousand barrels	93012	03020	03038	03046	03053	03061	03079	03087	03095	03103	03111	3							
4	Million cubic feet	04010	04028	04036	04044	04051	04059	04077	04085	04093	04101	04119	4							
B. Natural gas																				
5	Thousand dollars	95017	05025	05033	05041	05058				05090	05108		5							
II. TOTAL LEASE REVENUES																				
6	Thousand dollars	06015	06023	06031	06049	06056	06064	06072	06080	06098	06106	06114	6							
7	Thousand dollars	07013	07021	07039	07047	07054	07062		07088	07096	07104	07112	7							
8	Thousand dollars	08011	08029	08037	08045	08052		08078	08086	08094	08102	08110	8							
9	Thousand dollars	09019	09027	09035	09043	09050	09068	09076	09084	09092	09100	09118	9							
10	Thousand dollars	10017	10025	10033	10041	10058					10108		10							
11	Thousand dollars	11015	11023	11031	11049	11056				11098	11106		11							
III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)																				
12	Thousand dollars	12013											12							
13	Thousand dollars	13011											13							
A. Total exploration expenditures																				
14	Thousand dollars	14019	14027	14035	14043	14050	14068	14076	14084	14092	14100	14118	14							
15	Thousand dollars	15016	15024	15032	15040	15057	15065	15073	15081	15099	15107	15115	15							
a. Dry holes																				
16	Thousand dollars	16014	16022	16030	16048	16055	16063		16089	16097	16105	16113	16							
b. Oil wells																				
17	Thousand dollars	17012	17020	17038	17046	17053		17079	17087	17095	17103	17111	17							
c. Gas wells																				
18	Thousand dollars	18010	18028	18036	18044	18051	18069	18077	18085	18093	18101	18119	18							
d. Work-in-progress adjustment																				
19	Thousand dollars	19018	19026	19034	19042	19059							19							
2. Lease and land acquisitions of nonproducing acreage																				
20	Thousand dollars	20016	20024	20032	20040	20057							20							
3. Land department, leasing, and scouting																				
21	Thousand dollars	21014	21022	21030	21048	21055							21							
4. Geological and geophysical																				
22	Thousand dollars	22012	22020	22038	22046	22053							22							
S. Lease rents																				
23	Thousand dollars	23010	23028	23036	23044	23051							23							
6. Test hole contributions																				



## Appendix A—Continued

[illegible]

PLEASE COMPLETE LINES 52 THROUGH 57 ON PAGE 3 AND CERTIFICATION ON PAGE 1

# Appendix A—Continued

## INSTRUCTIONS FOR COMPONENTS OF SELECTED EXPENDITURE ITEMS

► **Line S3 – Capitalized expenditures** – Report the actual capital outlays during the year rather than the final value of exploration and development for buildings, structures, machinery, equipment, and leases, including intangible outlays for drilling, logging, cementing, or other services whether on contract or by your own labor forces. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained.

► **Line S4 – Current account expenditures** – Report expenses for exploration, development and production charges to current accounts. Include all supplies, machinery, equipment, parts, fuel, power, etc., used for which are charged as current operating expenses. Include the cost of maintenance and repairs which is charged to current accounts. Include labor costs whether on a contract basis or by your own forces.

► **Line S6 – Fluid injection and improved recovery programs** – Include gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Facilities should include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells, or other wells required for primary production operations. This is a component of other development expenditures, including direct overhead, line 34.

► **Line S7 – Other development expenditures** – Excluding fluid injection and improved recovery programs – Report the difference between line 34 and line 54 on this line.

## COMPONENTS OF SELECTED EXPENDITURE ITEMS

Line number	Items	Unit of measure	TOTAL UNITED STATES	Line number	Items	Unit of measure	TOTAL UNITED STATES
(a)	(b)	(c)		(a)	(b)	(c)	
52	<b>VI. TOTAL EXPENDITURES – Capitalized and expensed</b> (Sum of lines S3 and S4 should equal line 12)	Thousand dollars	Same as line No. 12	55	<b>VII. OTHER DEVELOPMENT EXPENDITURES – Including direct overhead</b>	Thousand dollars	Same as line No. 34
53	<b>A. Capitalized expenditures</b>	Thousand dollars		56	<b>A. Fluid injection and improved recovery programs</b>	Thousand dollars	
54	<b>B. Current account expenditures</b>	Thousand dollars		57	<b>B. Other development expenditures, including direct overhead, excluding fluid injection and improved recovery programs</b>	Thousand dollars	

Remarks

MA-13K(I)  
1-51-7711976 ANNUAL SURVEY OF OIL AND GAS  
INSTRUCTIONS FOR COMPLETING FORM MA-13K

## ► I. SALES VOLUMES

► **Line 1 - Total crude petroleum and condensate** - Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquefy at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (l), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

► **Line 2 - From stripper well leases (included in line 1)** - Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

► **Line 3 - Lease condensate (included in line 1)** - Report the lease condensate sales volume included in total crude petroleum and condensate.

► **Line 4 - Natural gas** - Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (l), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

## ► II. TOTAL LEASE REVENUES

► **Line 5 - Total lease revenues** - Report the totals of lines 6, 9, 10, and 11.

► **Lines 6, 7, and 8 - Crude petroleum and condensate** - Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (l), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 9 - Natural gas** - Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (l), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

**Line 10 - Income received from oil and gas royalties** - Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

► **Line 11 - Other lease revenues from producing operations** - Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

► **Line 12 - Total expenditures (capitalized and expensed)** - Report on this line the totals of lines 13, 26, and 36. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallower-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 29 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 35, and 43 depreciation may be charged for office buildings, etc., where the total cash expenditure for such facilities are not reported elsewhere. Also report capitalized and expensed, lines 33 and 34. See page 3 of MA-13K form for detail.

► **Line 13 - Total exploration expenditures** - Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

► **Line 14 - Total drilling and equipping wells** - Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) - Continued

NOTE: For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 15 - Dry holes** - Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping exploratory dry holes during the period. Include non-operator costs.

**Instructions for lines 16 and 17 - Oil and Gas Wells** - Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (l), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total expenditures incurred during the period, on properties which you operated, for drilling and equipping successful exploratory wells. Include non-operators costs.

► **Line 16 - Oil wells** - Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

► **Line 17 - Gas wells** - Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

► **Line 18 - Work-in-progress adjustment** - Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

► **Line 19 - Lease and land acquisitions of non-producing acreage** - In columns (c) through (g), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

► **Line 20 - Land department, leasing, and scouting** - In columns (c) through (g), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing and rentals which should be reported on lines 19 or 22.

► **Line 21 - Geological and geophysical** - In columns (c) through (g), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

► **Line 22 - Lease rents** - In columns (c) through (g), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures which should be reported on line 20, and advance rentals, which are actually in the nature of a bonus which should be reported on line 19.

► **Line 23 - Test hole contributions** - Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

► **Line 24 - Other exploration expenditures, including direct overhead** - Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries; ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 25 - General and administrative overhead not reported elsewhere** - Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and Research and Development (R & D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

Continued on reverse side

# Appendix A—Continued

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) - Continued

► **Line 26 - Total development expenditures** - In column (c), report the totals of lines 27, 32, 33, 34, and 35.

► **Line 27 - Total drilling and equipping wells** - Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 39. Also exclude expenditures for service wells which are to be reported on line 34. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE: For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 28 - Dry holes** - Report expenditures for casing, tubing, and well-head fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling development dry holes.

In column (m), report the total expenditures incurred on properties which you operated, for drilling and equipping development dry holes during the period. Include non-operators costs.

► **Instructions for lines 29 and 30 - Oil and Gas Wells** - Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful development wells.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping successful development wells during the period. Include non-operators costs.

► **Line 29 - Oil Wells** - Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 30 - Gas Wells** - Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 31 - Work-in-progress adjustment** - Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE: Data for lines 32, 33, and 34 are to be combined for reporting in columns (k) and (l).

► **Line 32 - Lease equipment** - Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater-treaters, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

► **Line 33 - Lease and land acquisitions of producing acreage** - Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

► **Line 34 - Other development expenditures, including direct overhead** - Report the net Company interest in all expenditures not included on lines 27, 32, or 33 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for capital equipment constructed or purchased. Include fluid injection and improved recovery programs such as gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Facilities should include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection.

Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals. Also report the separate components of this line on lines 56 and 57.

► **Line 35 - General and administrative overhead not reported elsewhere** - Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 34. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) - Continued

► **Line 36 - Total production expenditures** - Report on this line the totals of lines 37 and 41. Do not include expenditures applicable to gas processing plants or gas systems.

► **Line 37 - Total direct operating expenditures** - Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 38, 39, and 40.

► **Line 38 - Operating and maintenance** - Report the net Company interest in normal daily operating expenses such as wages for pumpers and other field personnel directly associated with oil and gas production, production personnel transportation expenses, materials and supplies consumed, and field office expense as well as surface repair and maintenance on lease equipment such as lease tank batteries, separators, pumps, buildings, and well producing equipment. Also report all other operating and maintenance expense except workover expense which is reported on line 39.

► **Line 39 - Well workovers** - Report the net Company interest in all expenditures directly related to well workovers for the period including expensed material, contract labor, etc.

► **Line 40 - Other direct expenses** - Report the net Company interest in all other direct production expenses not included on lines 38 and 39. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)

► **Line 41 - Total indirect operating expenditures** - Report on this line the totals of lines 42, 43, and 44.

► **Line 42 - Taxes (excluding income taxes)** - Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 34.

► **Line 43 - General and administrative overhead** - Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 37.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► **Line 44 - Other indirect expenses** - Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 42 and 43. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

## ► IV. TOTAL GROSS BOOK VALUE OF FIXED ASSETS

► **Line 45 - Total gross book value of fixed assets** - Report your own net company interest value before depreciation and amortization of all oil and gas field assets owned at the end of year, whether operated or non-operated, excluding the value of any assets belonging to others. Enter the original or acquisition cost of the fixed assets on the books of this company. Report on this line the totals of lines 46 and 50.

► **Line 46 - Total oil and gas field properties** - Report on this line the sum of lines 47, 48, and 49.

► **Line 47 - Nonproducing properties** - Report investment in undeveloped properties held for exploration purposes.

► **Line 48 - Producing properties** - Report year-end investment in properties which are producing, including shut-in leases. Such investment should include capitalized leasehold costs, intangible development costs, and tangible lease equipment. Also report investment in related producing facilities beyond the lease which are directly related to lease production operations. Investments in items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines and storage tanks, lease gas gathering lines not part of gasoline or cycling plants, etc., should be included.

► **Line 49 - Work-in-progress** - Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year-end.

► **Line 50 - Buildings, other structures, and machinery** - Report investment in exploration, development, and production facilities not included on line 46. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Exclude non-field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

## ► V - TOTAL EMPLOYMENT

► **Line 51 - Total employment** - Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are: storage warehouses, garages, repair shops, research, development, and testing laboratories.

## ► COMPONENTS OF SELECTED EXPENDITURE ITEMS

► **Lines 52 through 57** - See page 3 of MA-13K form for instructions.

IMPORTANT  
NOTE

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170.

\* Indicates modified instructions or additional data items.

# Appendix B

## DESCRIPTION OF SURVEY SAMPLE

### 1976 Annual Survey of Oil and Gas

The 1972 Census of Mineral Industries (CMI) concentration listings, which arrayed companies in descending total value of shipments and receipts (TVS) order, was the universe from which the sample used for the 1976 Annual Survey of Oil and Gas was selected. The universe consisted of those companies classed as operators of crude petroleum and natural gas fields as defined by the 1972 Standard Industrial Classification (SIC) Manual. Companies selected from the crude petroleum and natural gas industry (SIC 1311) accounted for 94 percent (uninflated) of the total value of shipments and receipts of this class of companies in 1972.

In 1972, the largest 250 companies accounted for 92.7 percent of the industry's value of shipments and receipts of \$15,690.8 million. These 250 companies were selected with certainty. From the remaining group of about 5400 companies, a stratified random sample of 250 companies was selected with probabilities proportionate to the average value of shipments in each stratum. The sample was augmented by the addition of about 60 companies, including oil and gas field contractors with secondary oil and gas operating revenues of \$2 million or more, and other companies with large nonoperating working interest in oil and gas field leases.

Such companies were either identified in trade literature or by responses to a special coverage questionnaire sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate stratum weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1 Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.

2 Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.

3 Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for a few key statistics comprising the basic tabulations. Based on stratified random sampling, the variance ( $\sigma^2_{x'}$ ) estimator used was

$$\sigma^2_{x'} = \sum_h [W_h (W_h - 1) \sum_i (X_{hi}^2 - \bar{X}_h^2)],$$

where

$W_h$  = hth stratum weight,

$X_{hi}$  = unweighted value for the ith company in the hth stratum,

$\bar{X}_h$  = average value of the data item for the hth stratum.

Relative standard errors ( $V_{x'}$ ) were then obtained by the formula

$$V_{x'} = \frac{\sigma_{x'}}{\bar{X}'},$$

where  $\bar{X}'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.



# Appendix C

## QUALIFICATIONS OF THE DATA

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

The following table contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

Table C-1. Selected Statistics and Relative Standard Error Estimates: 1976

Item	Reporting basis	
	Gross operator	Net company interest
Crude petroleum and condensate.....Mil. dol..	22,936.4	18,624.1
Natural gas.....do..	11,783.8	9,771.7
Assets.....do..	(X)	82,019.5
Exploration drilling expenditures.....do..	2,920.2	2,467.1
Development drilling expenditures.....do..	5,151.2	4,154.4
Relative standard error estimates for--		
Crude petroleum and condensate.....percent..	1	1
Natural gas.....do..	2	2
Assets.....do..	(X)	1
Exploration drilling expenditures.....do..	4	4
Development drilling expenditures.....do..	2	2

(X) Not applicable.

## Appendix C—Continued

For example, suppose an estimated total, is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 included the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These

operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.



**Appendix D**

DATA ITEMS USED FOR COMPUTING RATIOS FOR DISAGGREGATIVE TABLES

(See appendix A for copy of report form and instructions)

Table number	Numerator		Denominator	
	Line number(s) on report form and instructions	Column(s) from report form	Line number(s) on report form and instructions	Column(s) from report form
6	6	c	1	c
7	9	c	4	c
8	6+9-36	c	45	c
9	12	c	5	c
10	13	c	12	c
11	26	c	12	c
12	36	c	12	c
13	7+9	h	6+9	c
14	8+9	g	6+9	c
16	5	e+g	5	c
17	14+19+20+21+22+23 +27+32+33+37+42 +44	c  e+g	14+19+20+21+22+23 +27+32+33+37+42 +44	c  c
18	45	e+g	45	c
20	14+27	c	13+26	c
21	15+28	c	14+27	c
22	14	c	12	c
23	2	f	1	f





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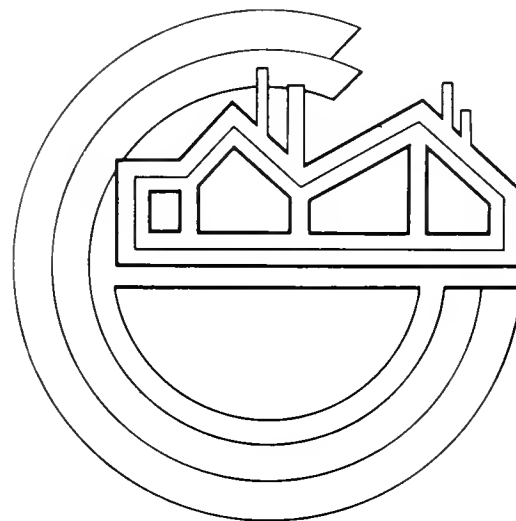
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Issued March 1979



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# Introduction

## GROSS OPERATOR BASIS STATISTICS

### Revenues and Volumes

Revenues for crude petroleum, condensate, and natural gas on a gross operator basis<sup>1</sup> amounted to \$40,960 million in 1977, an increase of 17 percent from the 1976 figure of \$35,036 million. The level of 1977 revenues was more than double the 1973 figure of \$18,150 million.

Crude petroleum and condensate revenues accounted for 60 percent of 1977 revenues and amounted to \$24,549 million, an increase of 7 percent from the 1976 figure of \$22,936. A continuing influence on crude petroleum revenue levels was the removal of domestic price constraints in the last quarter of 1973 when the members of the Organization of Petroleum Exporting Countries administratively quadrupled their prices while demand in the United States exceeded domestic supply. Subsequent Federal regulation has had the effect of moderating further domestic crude petroleum price increases. The average unit values of crude petroleum increased by 70 percent from 1973 to 1974, 12 percent from 1974 to 1975, 7 percent from 1975 to 1976, and by 4 percent from 1976 to 1977.

The 1977 gross operator sales volume of 2,980 million barrels of crude petroleum and condensate was 3 percent greater than the 1976 level of 2,905 million barrels. This increase was the result of the completion of the Trans-Alaskan pipeline in July of 1977 which made available approximately 100 million barrels of North Slope oil. These changes and other trends in levels of sales volumes and revenues for crude petroleum statistics on a gross operator basis are depicted in chart A.

Unlike crude petroleum, natural gas unit value increases have been spread uniformly over the five years covered by this survey. Revenues for natural gas have increased about 33 percent in each year to year period since 1973, resulting in an increase in gas revenues from 1973 to 1977 of 221 percent. During this same period natural gas unit values increased by 268 percent. This higher percentage reflects the decrease in natural gas sales volumes from 22,315 billion cubic feet in 1973 to 19,462 billion cubic feet in 1977. Natural gas sales volumes decreased 2 percent from 1973 to 1974, 7 percent from 1974 to 1975, 3 percent from 1975 to 1976, and 2 percent from 1976 to 1977. These trends in the levels of revenues, sales volumes, and average unit values for natural gas on a gross operator basis are illustrated in chart B.

Since 1973, natural gas revenues have increased relatively more and (until 1977) sales volumes have decreased relatively less than those for crude petroleum and condensate. In part, the higher percentage increases in natural gas revenues versus those for crude petroleum and lease condensate is due to differing regulatory schemes. Intrastate gas sales at the wellhead do not have price ceilings associated with them and, therefore, intrastate prices have tended to rise commensurate with demand. While overall natural gas shipments have been decreasing a greater proportion of natural gas production has been committed to intrastate sales, thereby increasing the relative amount of gas sold at higher prices. A substantial portion of intrastate sales went to manufacturing establishments located in Texas and Louisiana. Manufactures in these two States accounted for 37.6 percent of all natural gas used by manufacturing establishments for heat and power in 1976, which was greater than the 35.1 percent used in 1974.<sup>2</sup> Approximately 70 percent of domestic natural gas is produced in these two States.<sup>3</sup>

### Expenditures

Gross operator expenditures for drilling and equipping wells completed during 1977 totaled \$9,025 million. This was a 31 percent increase over the 1976 figure of \$6,908 million. In 1977, expenditures for completed development wells amounted to \$5,733 million. This continues the 1973 to 1976 trend where expenditures for development well completions exceeded those for exploration well completions. From 1974 to 1977, the rate of increase in expenditures for development well completions continued to be greater than the rate of increase for exploration well completions.

During 1977, expenditures for completed gas wells amounted to \$3,441 million, exceeding expenditures for completed oil wells which were \$2,824 million. Similarly, the 1976 expenditures for completed gas wells exceeded expenditures for completed oil wells (by approximately \$500 million). During 1973, 1974, and 1975, expenditures for completed oil wells slightly exceeded expenditures for completed gas wells. From chart C it can be seen that gas development wells, rather than exploratory wells, were responsible for the sizable increase in expenditures for completed gas wells.

---

<sup>2</sup> Annual Survey of Manufactures: 1976, *Fuels and Electric Energy Consumed*, U.S. Bureau of the Census and Annual Survey of Manufactures 1975, *Fuels and Electric Energy Consumed*, U.S. Bureau of the Census.

<sup>3</sup> *Commodity Data Summaries 1978* Bureau of Mines, p. 10B.

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<sup>1</sup> See section "Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1977" for definition of terms.

CHART A. Crude Petroleum and Lease Condensate  
Revenues, Sales Volumes and Average Unit Values  
1973 to 1977  
(Gross operator basis)

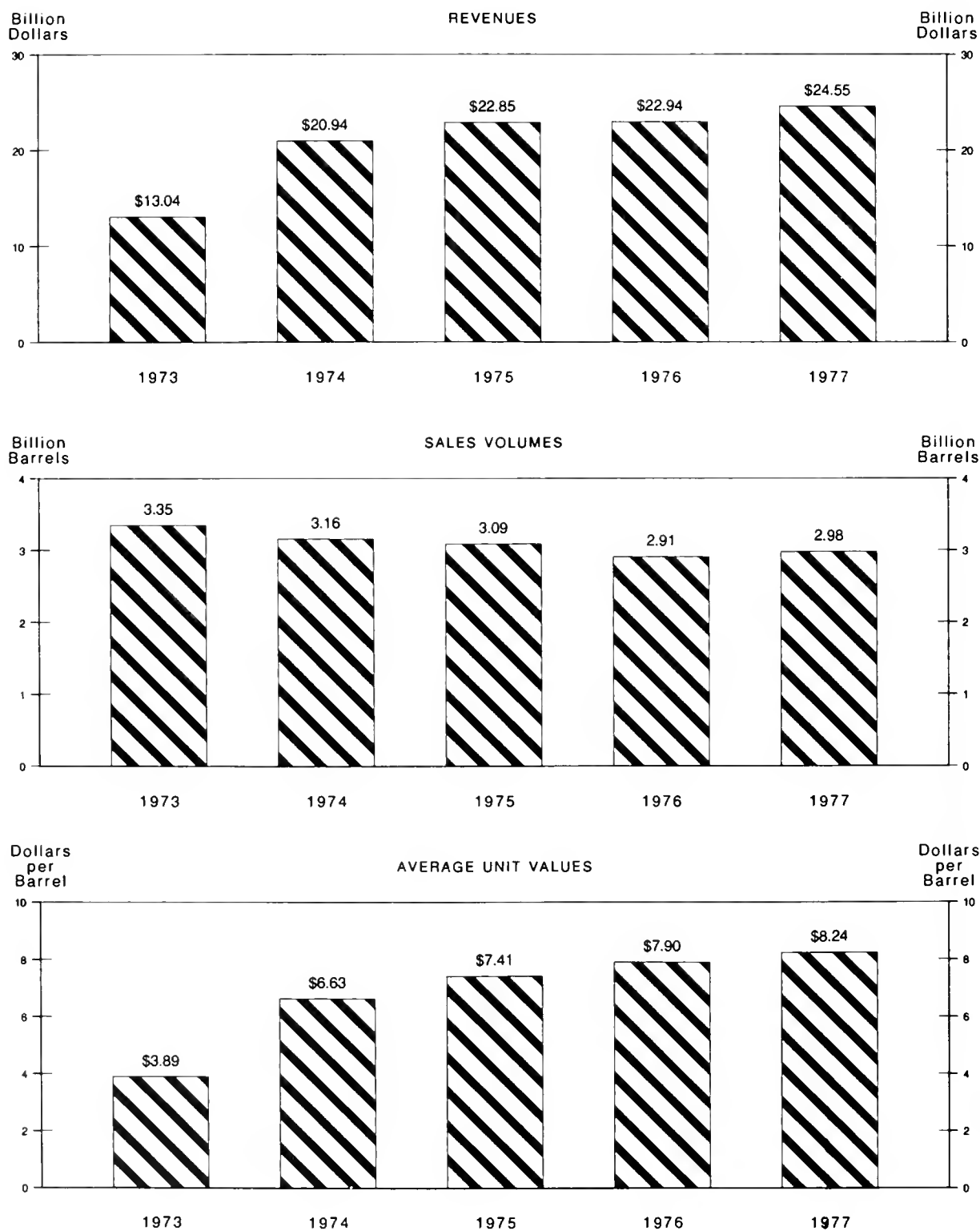


CHART B. Natural Gas  
Revenues, Sales Volumes and Average Unit Values  
1973 to 1977  
(Gross operator basis)

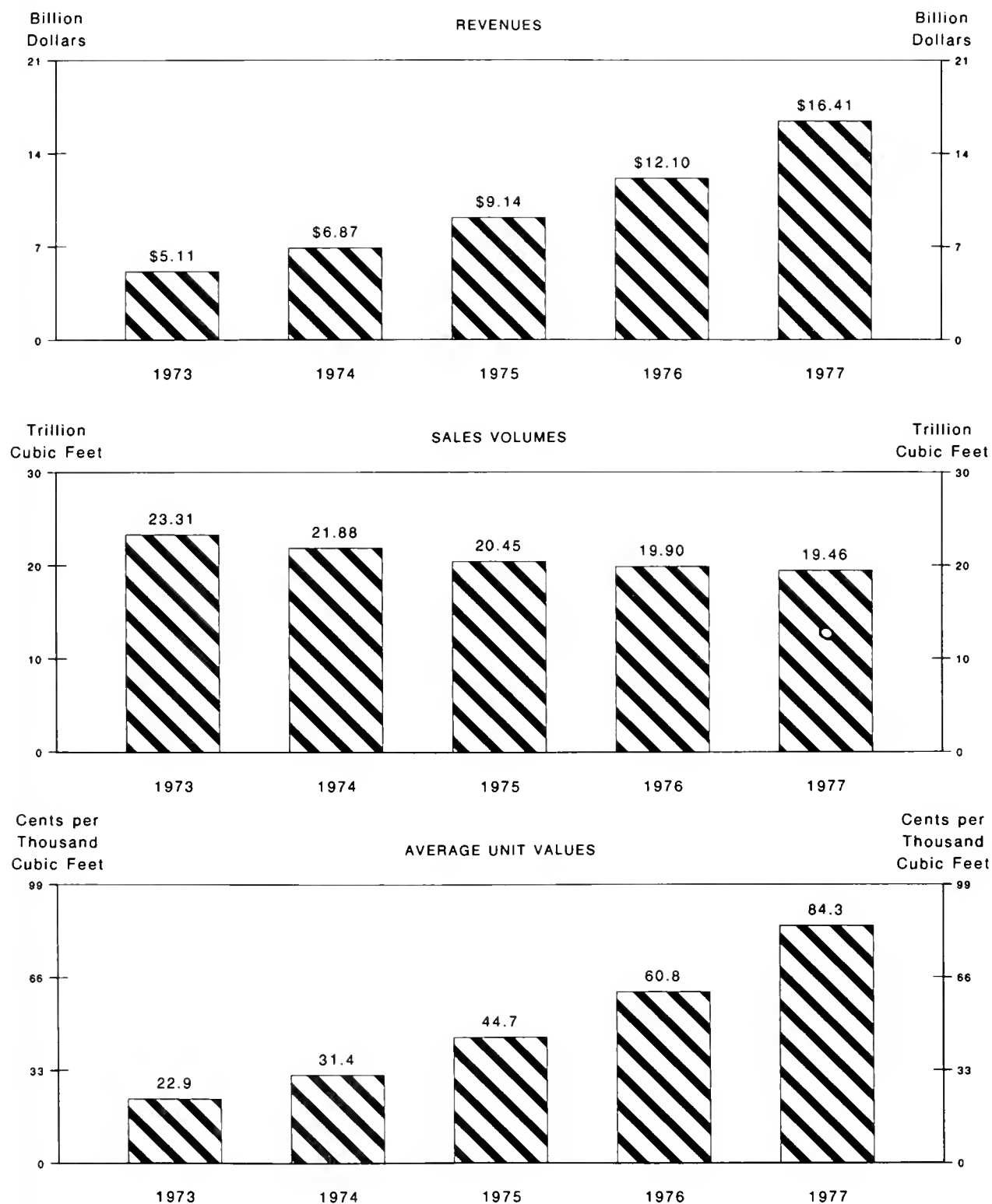


Chart C. Expenditures for Wells Completed  
During the Year: 1973 to 1977  
(Gross operator basis)

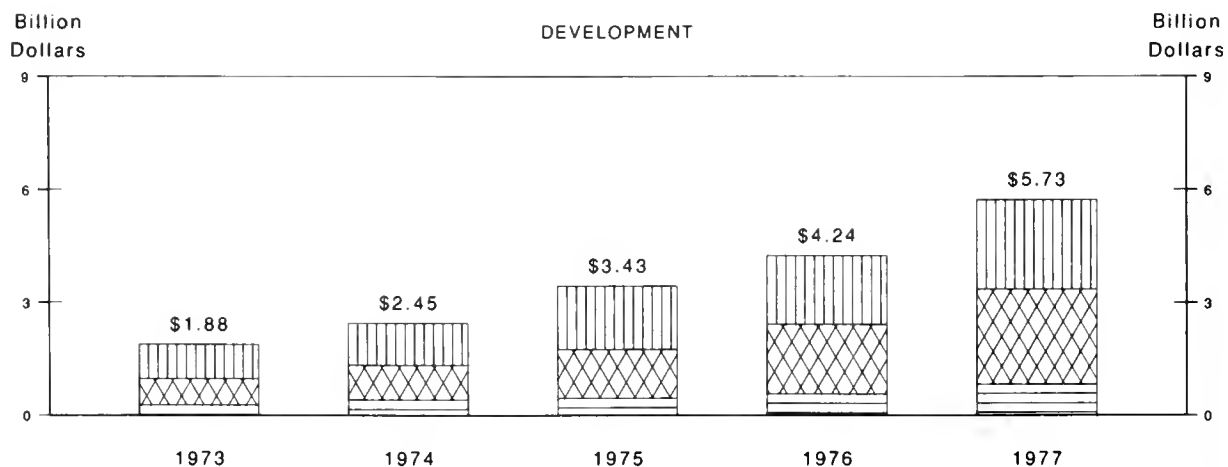
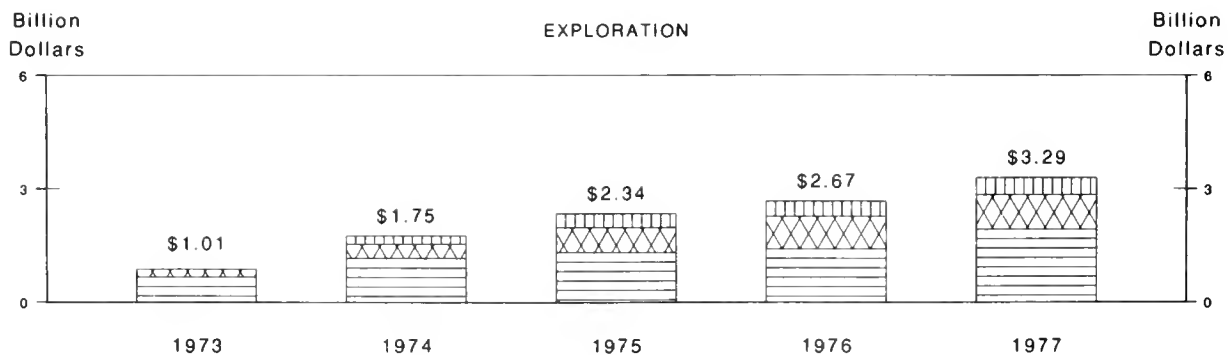
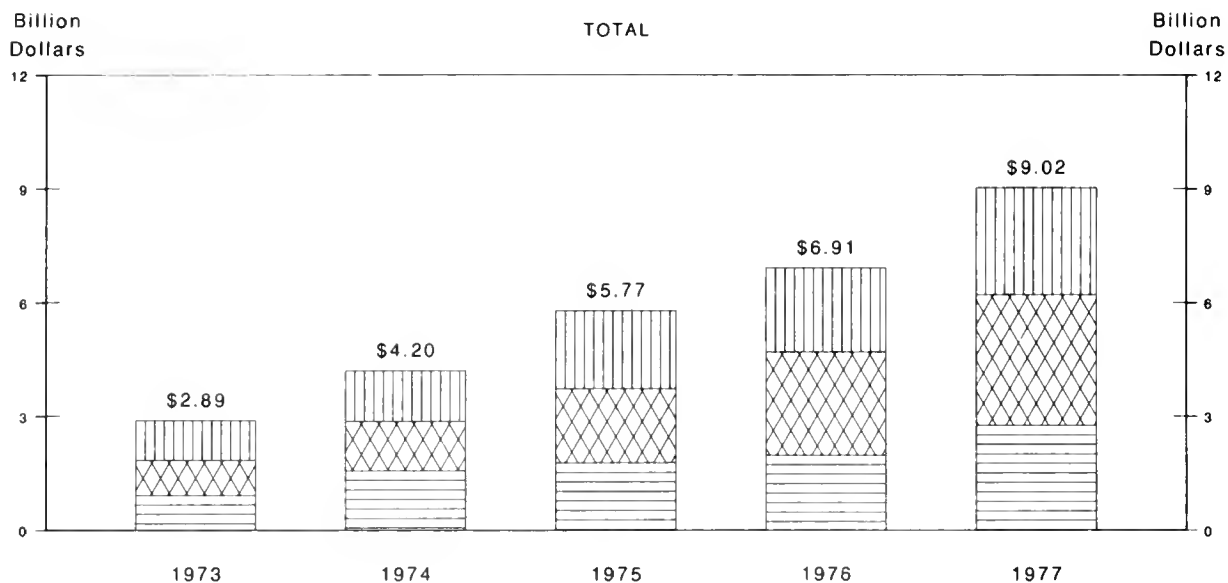
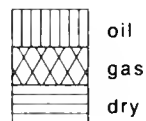


Table A shows the percentage of drilling and equipping expenditures that resulted in producing wells. It can be seen that this success rate has fluctuated over the 1973 to 1977

period. The success rate for development wells has shown less variation than the rate for exploration wells.

Table A. DRILLING EXPENDITURES AND SUCCESS RATES, BY TYPE OF WELL: 1973 TO 1977

(Gross Operator Basis)

Year	Total			Exploration wells			Development wells		
	Expenditures for all wells completed (mil. dol.) (A)	Expenditures for successful wells (mil. dol.) (B)	Success rate (col. B ÷ col. A) (percent) (C)	Expenditures for all wells completed (mil. dol.) (D)	Expenditures for successful wells (mil. dol.) (E)	Success rate (col. E ÷ col. D) (percent) (F)	Expenditures for all wells completed (mil. dol.) (G)	Expenditures for successful wells (mil. dol.) (H)	Success rate (col. H ÷ col. G) (percent) (I)
1977. . . . .	9,024.6	6,265.3	69	3,291.7	1,360.7	41	5,732.8	4,904.6	86
1976. . . . .	6,908.1	4,935.4	71	2,665.5	1,258.8	47	4,242.6	3,676.6	87
1975. . . . .	5,775.5	4,006.2	69	2,344.9	1,024.3	44	3,433.6	2,981.9	87
1974. . . . .	4,198.5	2,636.2	63	1,753.5	596.9	34	2,445.0	2,039.3	83
1973. . . . .	2,889.1	1,970.3	68	1,010.7	349.8	35	1,878.4	1,620.5	86

From table B it can be determined that exploration wells from gas leases have a greater success rate than do exploration wells from oil leases. Conversely, development wells from oil leases have a higher success rate than do development wells from gas leases.

The drilling success rate is a function of a number of factors such as expected product prices, recoverable reserves, and operating costs which determine whether a project is economical. A dry hole is defined as a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well. This category, in conformance with standard industry nomenclature, includes wells which are temporarily abandoned even though substantial quantities of oil and gas may have been discovered. Separate data for these wells are not available.

Since 1973, expenditures for drilling and equipping wells incurred within each year have been greater than expenditures for wells completed during each year. However, in 1977, the rate of increase for these expenditures was less than the rate of increase for wells completed during the year. This was the result of a substantial shift in North Slope wells from the work-in-progress category to completed wells when the Trans-Alaskan pipeline became operational. The decreases in the total and development work-in-progress adjustment figures also represent the only decreases in gross operator drilling statistics since 1973. This and other relationships for gross operator statistics for the years 1973 to 1977 are shown in table 2 of this publication.

Table B. DRILLING SUCCESS RATES FOR OIL AND GAS LEASES: 1973 TO 1977

(Net Company Interest Basis)

Year	Success rate (percent)					
	Oil leases		Gas leases		Combination leases	
	Exploration	Development	Exploration	Development	Exploration	Development
1977. . . . .	36	90	53	85	32	86
1976. . . . .	42	89	50	85	34	87
1975. . . . .	44	90	51	83	33	86
1974. . . . .	38	89	45	82	24	84
1973. . . . .	37	89	44	83	39	87

The increase in current year drilling expenditures reflects both an increase in drilling activity and an increase in the cost of drilling. The Independent Petroleum Association of America (IPAA) publishes a cost index<sup>4</sup> which provides an estimate of changes in drilling costs. These index figures were applied to the expenditures data from the Annual Survey of Oil and Gas (ASOG) to provide a measure of change in physical drilling activity (table C). This table implies that while exploration and development expenditures have both increased in terms of constant dollars, development expenditures have increased by a larger amount and the rate of increase has been greater than that for exploration expenditures.

Physical measures of drilling activity were introduced to the survey for 1977. Chart D illustrates that while most of the footage drilled was accomplished by smaller companies, larger companies drilled deeper wells and had higher costs per foot for their drilling and equipping operations. Figures for chart D were derived from table 17.

## NET COMPANY INTEREST BASIS STATISTICS

### Revenues, Volumes, and Expenditures

The major portion of the Annual Survey of Oil and Gas deals with statistics reported on a net company interest basis.<sup>5</sup> Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totalled \$19,458 million in 1977 with a corresponding volume of 2,352 million barrels. Natural gas revenues were \$12,918 million with a corresponding quantity of 15,400 billion cubic feet. The 1977 unit value for crude petroleum and lease condensate on a net company interest basis (\$8.27 per barrel) varied by less than 1 percent of the unit value on a gross operator basis (\$8.24 per barrel). The net company interest unit value for natural gas was 83.9 cents per thousand cubic feet while on a gross operator basis it was 84.3 cents per thousand cubic feet, a difference of less than 1 percent.

The distribution of crude petroleum and condensate sales during 1977, 1976, 1975, and 1974 based on the average unit value calculated for each company is shown in chart E. Since reporting for this survey is done at the company level, all crude petroleum and condensate sold by a company was assigned that company's average sales value for purposes of the chart. Thus, the 1,053 million barrels shown for 1977 for the range \$7.75 to \$8.24 represents the total sales volumes of all companies with an average price per barrel within that range. The figure may differ substantially from the actual quantity sold by all companies at a price within this range.

The distribution of natural gas sales during 1977 and 1976 based on the average unit value calculated for each company is shown in chart F. This chart was developed using the same methodology as used for chart E. It should be noted that this survey does not collect separate information on intracompany transfers (e.g., transfers within integrated oil and gas companies),

**Table C. EXPENDITURES FOR DRILLING AND EQUIPPING WELLS IN CURRENT AND 1974 DOLLARS AND IMPLIED INDEX OF CHANGE IN EXPLORATION AND DEVELOPMENT EXPENDITURES: 1973 TO 1977**

Year	IPAA cost index <sup>1</sup>	Wells completed during the year  (million dollars)		Inferred physical change in drilling activity from pre- vious year (percent)
		Current dollars	Constant dollars	
1977				
Total. . . . .	138.1	9,025	6,535	+20.5
Exploration . .	( <sup>2</sup> )	3,292	2,384	+13.9
Development .	( <sup>2</sup> )	5,733	4,151	+24.7
1976				
Total. . . . .	127.4	6,908	5,422	+9.3
Exploration . .	( <sup>2</sup> )	2,666	2,093	+4.0
Development .	( <sup>2</sup> )	4,243	3,330	+12.9
1975				
Total. . . . .	116.4	5,776	4,962	+18.2
Exploration . .	( <sup>2</sup> )	2,342	2,012	+14.7
Development .	( <sup>2</sup> )	3,434	2,950	+20.6
1974				
Total. . . . .	100.0	4,199	4,199	+21.4
Exploration . .	( <sup>2</sup> )	1,754	1,754	+44.8
Development .	( <sup>2</sup> )	2,445	2,445	+8.7
1973				
Total. . . . .	83.5	2,889	3,460	(NA)
Exploration . .	( <sup>2</sup> )	1,011	1,211	(NA)
Development .	( <sup>2</sup> )	1,878	2,249	(NA)

(NA) Not applicable.

<sup>1</sup> Source: Report of the Cost Study Committee, Independent Petroleum Association of America, May 1978, table I.

<sup>2</sup> The IPAA cost index for all wells was used to deflate figures for exploration and development wells.

nor does it provide a breakdown of interstate and intrastate gas sales. Thus, a complete assessment of the meaning of these distributions is not possible. Another factor contributing to the fluctuations in these distributions is the long-term contracts that are amended or renegotiated from year to year. This results in significant shifts in the volumes distributed in the various unit value ranges since recently revised contracts generally have substantially higher prices than those of the past.

<sup>4</sup> Report of the Cost Study Committee, Independent Petroleum Association of America, May, 1978, table I.

<sup>5</sup> See footnote 1.



CHART D. Drilling Statistics for Companies  
Ranked by Total Lease Revenues  
(Gross operator basis)

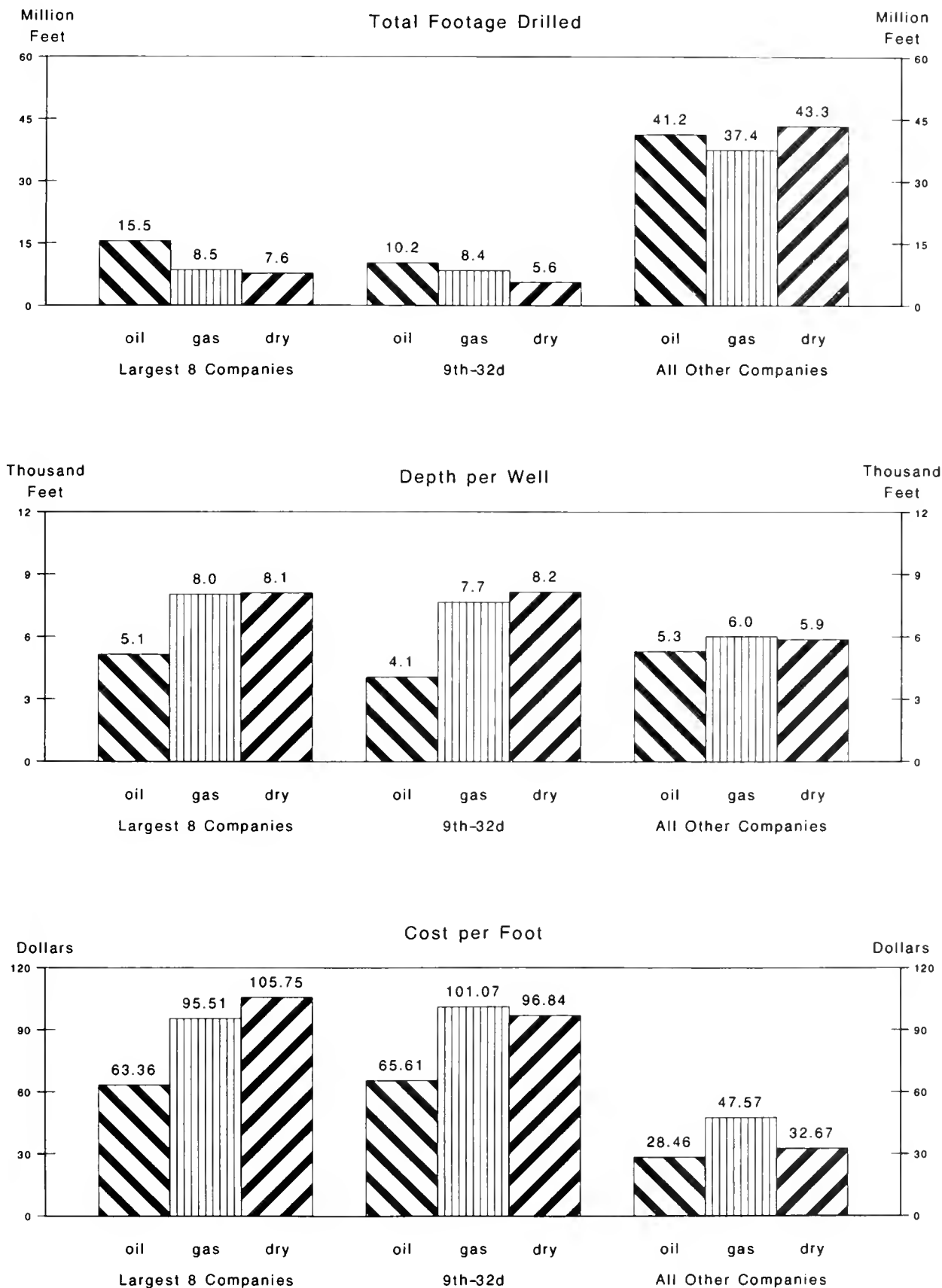


CHART E. Distribution of Crude Petroleum and Lease Condensate  
Sales Volumes Based on the Average Unit Value  
of Each Company (Dollars per Barrel)  
(Net company interest)

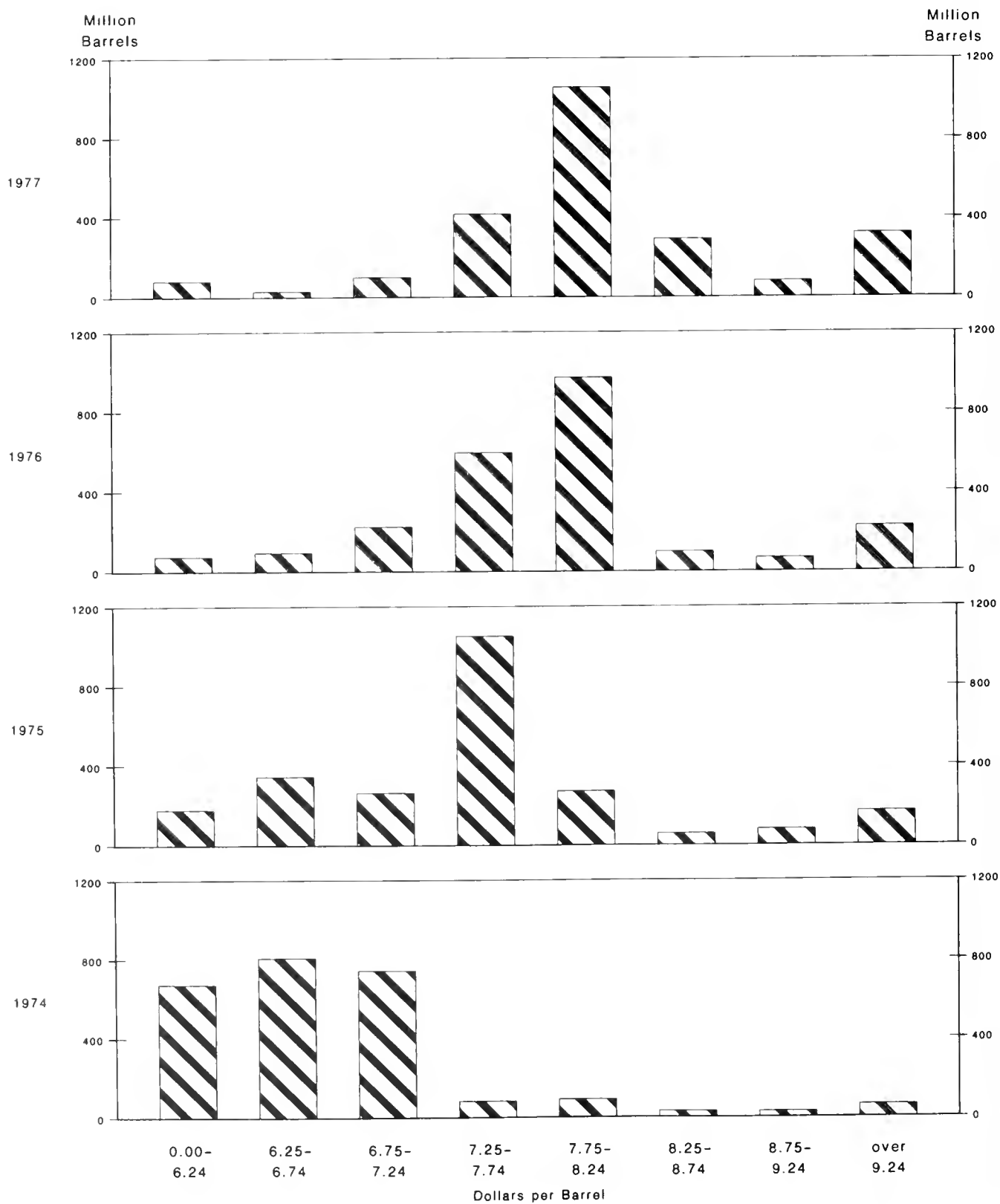
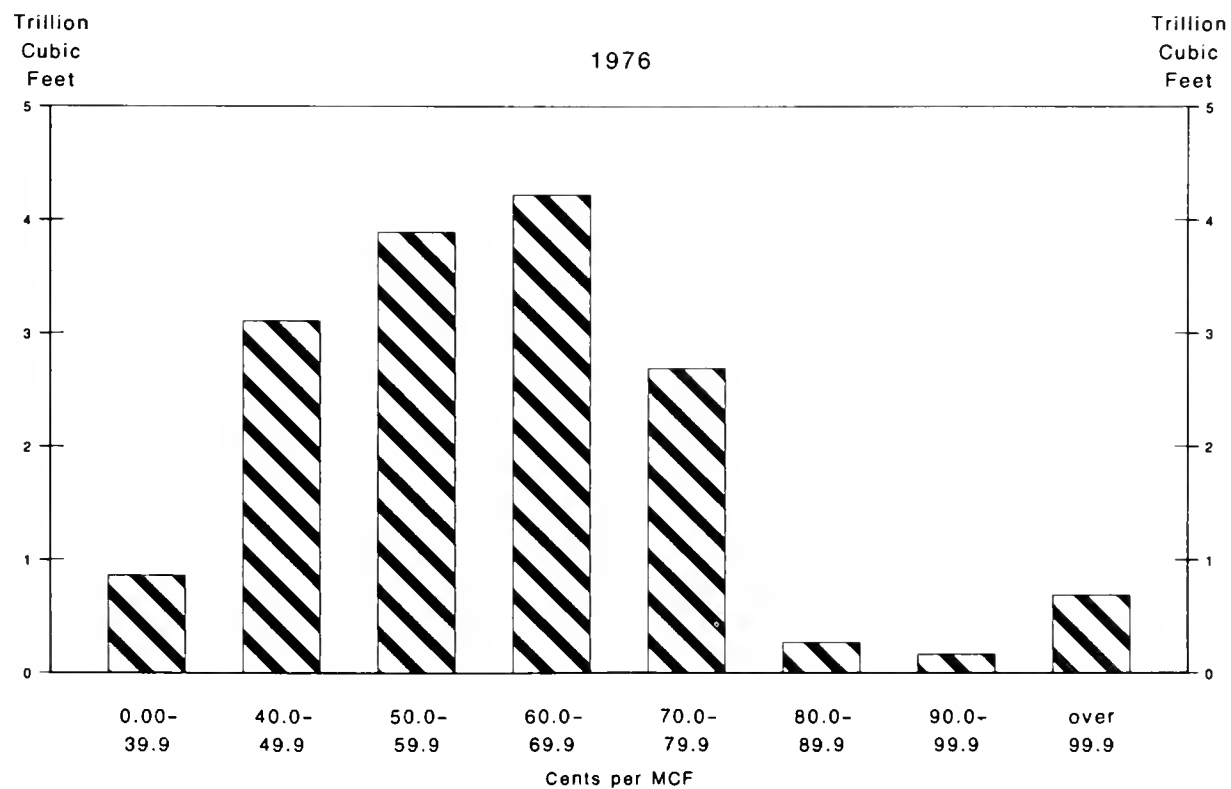
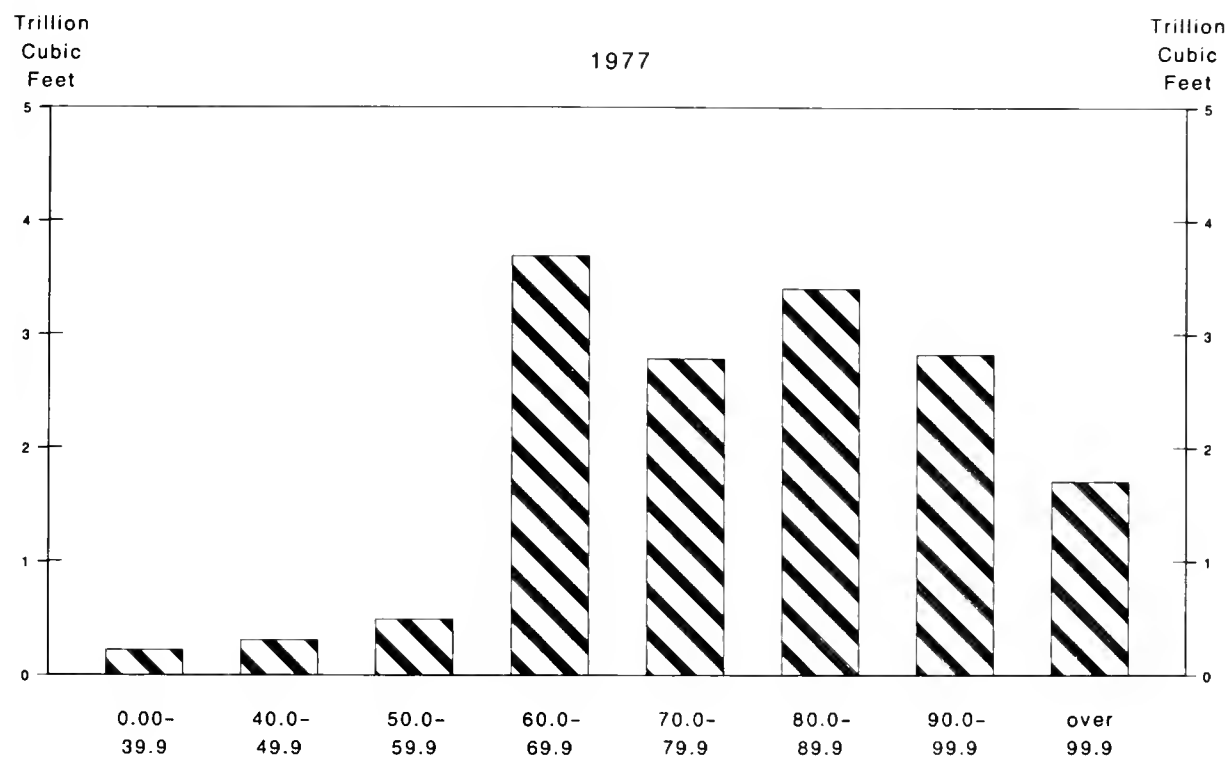


CHART F. Distribution of Natural Gas  
Sales Volumes Based on the Average Unit Value  
of Each Company (Cents per MCF)  
(Net company interest)



The 1977 and 1976 average unit values for offshore crude petroleum increased more than for onshore crude petroleum (chart G, part 1). During the 1973 to 1975 period, however, the value of crude produced onshore showed the greater increase in average unit value. The natural gas unit value for offshore areas increased relatively more than the corresponding figure for onshore areas between 1976 and 1977. This also reverses the year-to-year unit value pattern of natural gas from 1973 to 1976 (chart G, part 2).

Chart H compares 1977 drilling statistics for onshore and offshore activity by well type (oil, gas, and dry wells).

### Stripper Well Statistics

Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have shown a positive relationship to price increases. Stripper well output, which is sold at uncontrolled prices, has increased in each year of the ASOG. The stripper well lease sales volumes increased 42 percent from 1973 to 1977. Between 1973 and 1977, the average unit value of crude petroleum and condensate for companies with 60 percent or more stripper well lease specialization in the onshore lower 48 States increased 226 percent, from \$3.55 per barrel to \$11.59 per barrel (table D), while the rate of increase for all companies was 112 percent. The stripper well lease proportion of crude petroleum and condensate volumes has gradually increased from 7.8 percent in 1973 to 12.5 percent in 1977. The higher level of sales of crude petroleum from stripper well leases may, in part, be attributed to the higher prices paid for

stripper output. The significant increase in prices for stripper output between 1973 and 1977 more than offset increases in operating costs, tending to extend the economic life of marginal wells and thereby increasing total stripper lease output. Table D partially illustrates this point. Note that in 1973, when for three-quarters of the year crude petroleum prices were not regulated, that no definite pattern of prices appeared by stripper well lease specialization ratio, while from 1974 to 1977 prices tended to decrease as companies became less specialized in stripper well output. In all years the amount of expenditures to revenues tended to be greater for companies with larger shares of output from stripper wells. The relatively greater price increases for companies with higher proportions of stripper output enabled them to increase stripper output since costs did not increase as much as their product prices. Part of the price/cost advantage obtained from 1973 to 1974 was lost during the 1974 to 1977 period. This is illustrated by the ratio of direct operating expenditures to lease revenues shown in table D. Table D also shows a tendency for output to come increasingly from companies in progressively higher stripper well lease specialization groups; e.g., the share of output from companies with less than 5 percent specialization decreased from 50 percent of the lower 48 State's output in 1973 to 25 percent in 1977 whereas companies within the .100 to .199 range increased from 7 percent in 1973 to 34 percent in 1977.

### Company Distributions

Chart I shows the amounts of various items accounted for by the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenue values.

Table D. SELECTED RATIOS FOR THE LOWER 48 STATES, BY STRIPPER WELL LEASE SPECIALIZATION: 1973 TO 1977

(Net company interest basis)

Stripper well lease specialization ratio <sup>1</sup>	Direct operating expenditures to lease revenues					Crude petroleum and condensate unit value (dollars per barrel)					Percentage of total crude petroleum and condensate				
	1977	1976	1975	1974	1973	1977	1976	1975	1974	1973	1977	1976	1975	1974	1973
.600-1.000 . . . . .	.236	.278	.267	.235	.357	11.59	10.91	10.00	8.84	3.55	5.7	4.0	4.3	4.5	4.0
.500- .599 . . . . .	.241	.220	.235	.185	.335	10.09	9.26	9.73	7.04	4.07	0.6	1.3	0.5	0.6	0.4
.400- .499 . . . . .	.243	.247	.241	.194	.227	10.05	9.49	8.61	7.43	3.94	1.9	1.2	1.3	1.0	1.1
.300- .399 . . . . .	.195	.183	.205	.188	.247	9.73	9.05	8.88	6.98	3.70	1.7	1.4	1.3	1.2	1.2
.200- .299 . . . . .	.162	.179	.179	.208	.223	8.86	8.99	8.66	7.40	3.66	4.7	3.3	2.6	2.2	1.9
All Companies . . . .	.163	.155	.153	.140	.176	8.44	8.02	7.65	6.75	3.90	100.0	100.0	100.0	100.0	100.0
.100- .199 . . . . .	.176	.170	.157	.142	.198	7.92	7.70	7.55	6.66	3.98	33.5	30.9	18.7	9.3	7.2
.050- .099 . . . . .	.184	.164	.168	.149	.131	8.19	7.72	7.35	6.53	3.98	26.6	29.9	42.8	41.7	33.9
.000- .049 . . . . .	.104	.103	.099	.110	.184	8.36	8.01	7.60	6.73	3.88	25.4	28.0	28.6	39.5	50.3

<sup>1</sup> The stripper well lease specialization ratios were derived individually for each year by dividing the quantity of stripper well lease crude petroleum and condensate by the total quantity of crude petroleum and condensate sales for each company.

Part 1 presents the oil and gas revenues of these groups of companies. The largest eight companies' domestic oil and gas revenues of \$15.0 billion in 1977 amounted to 46 percent of

all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the revenue figure, the largest eight companies ownership share

CHART G. Part 1, Average Unit Values of Onshore and Offshore  
Crude Petroleum and Lease Condensate: 1973 to 1977  
(Net company interest)

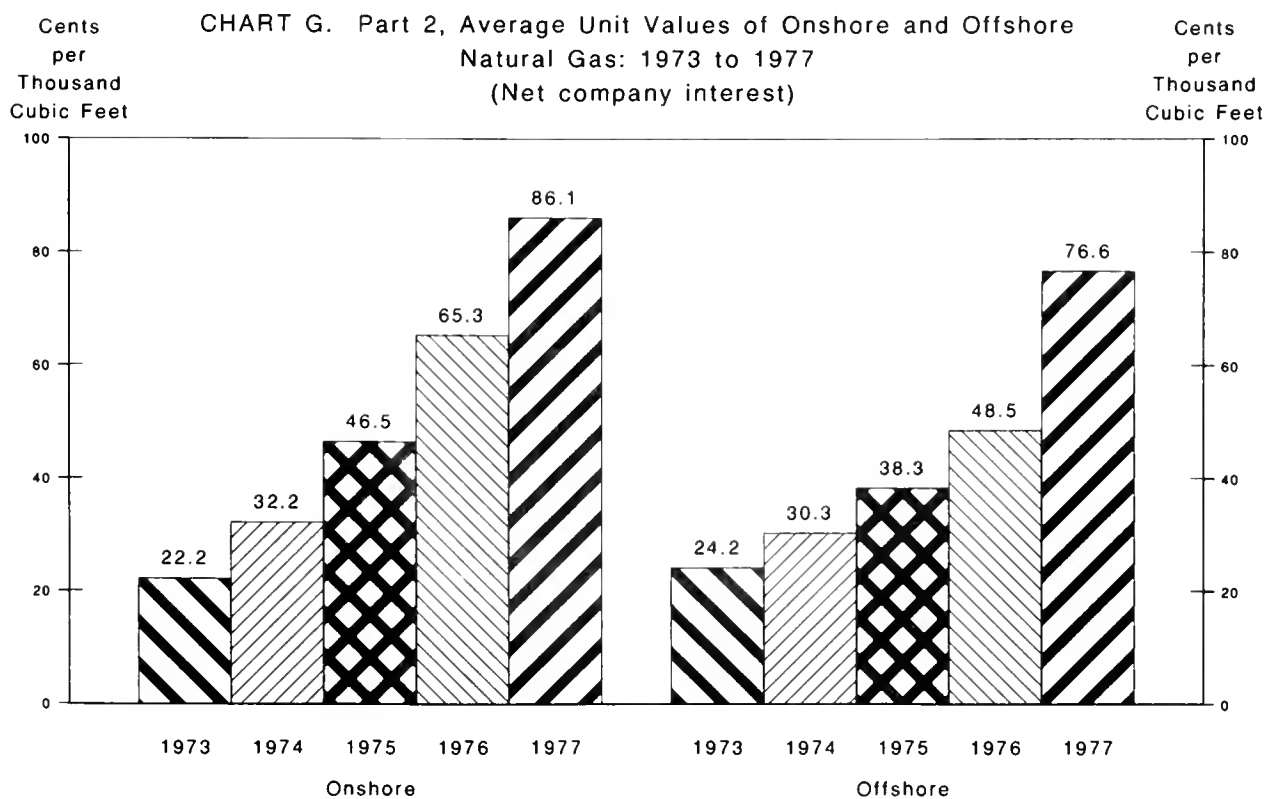
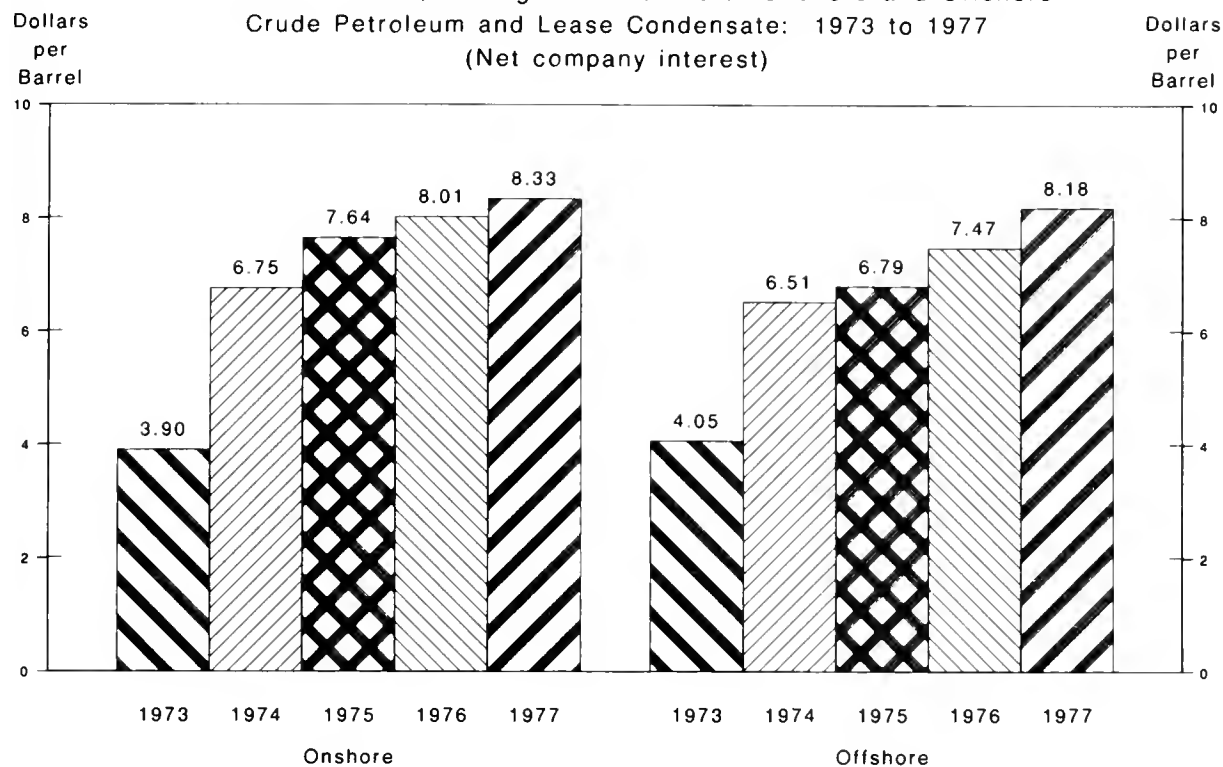


CHART H. Drilling Statistics for Onshore and Offshore Wells Completed During 1977  
(Net company interest)

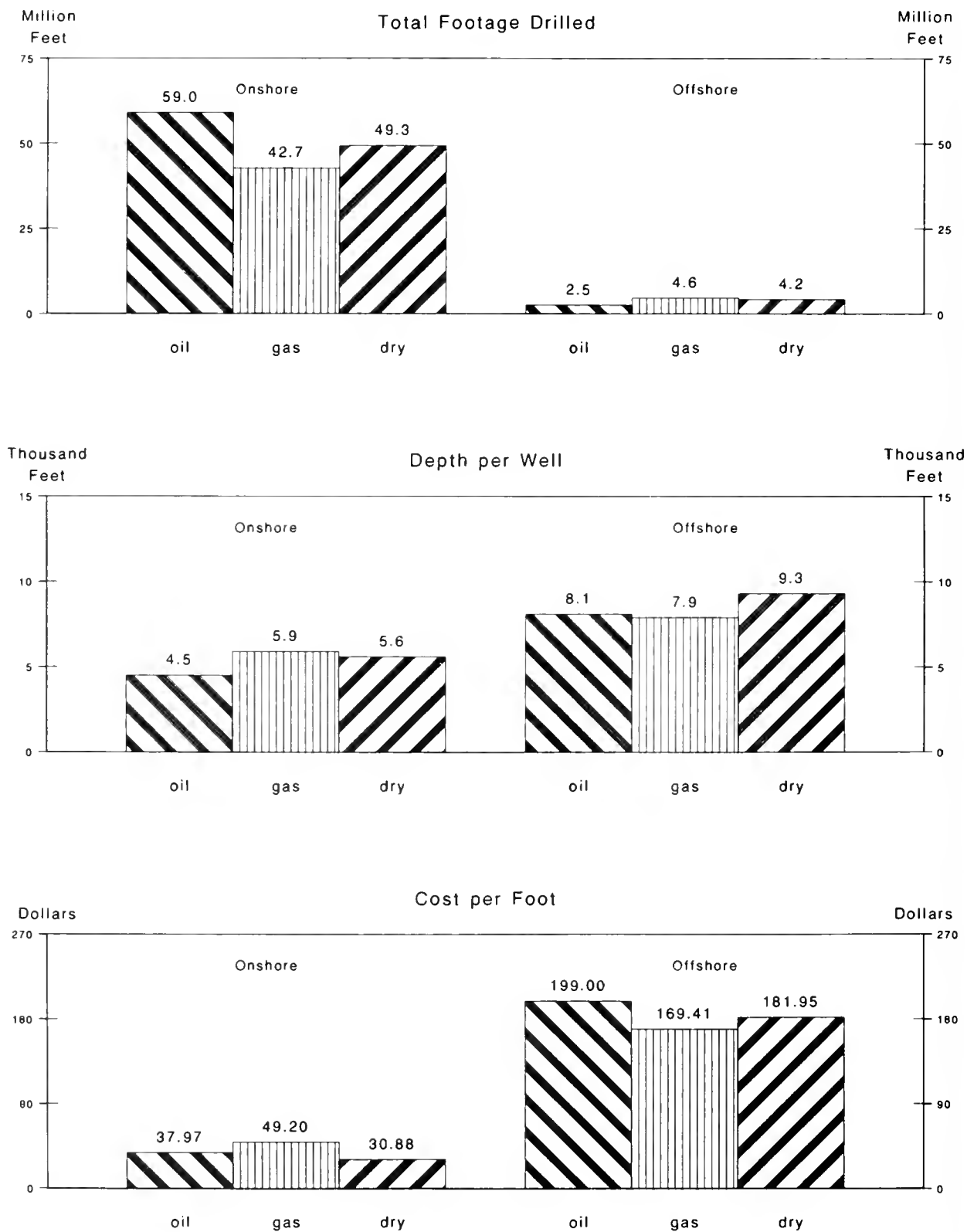
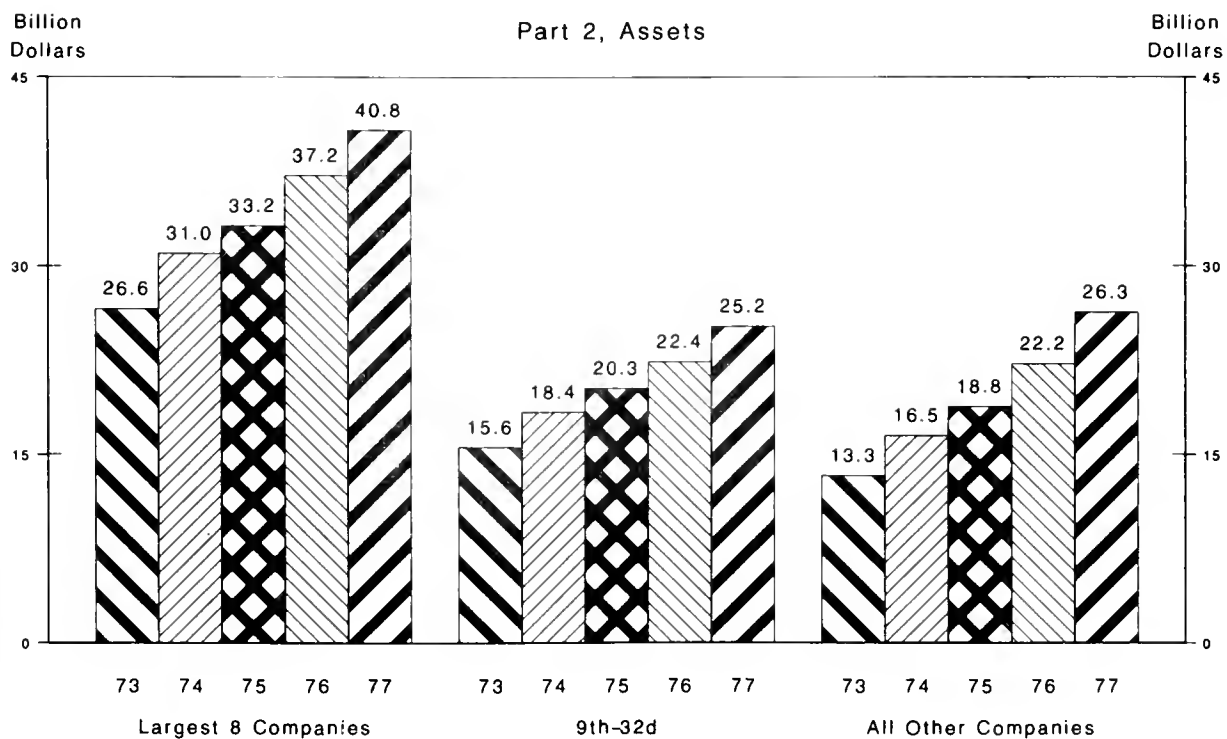
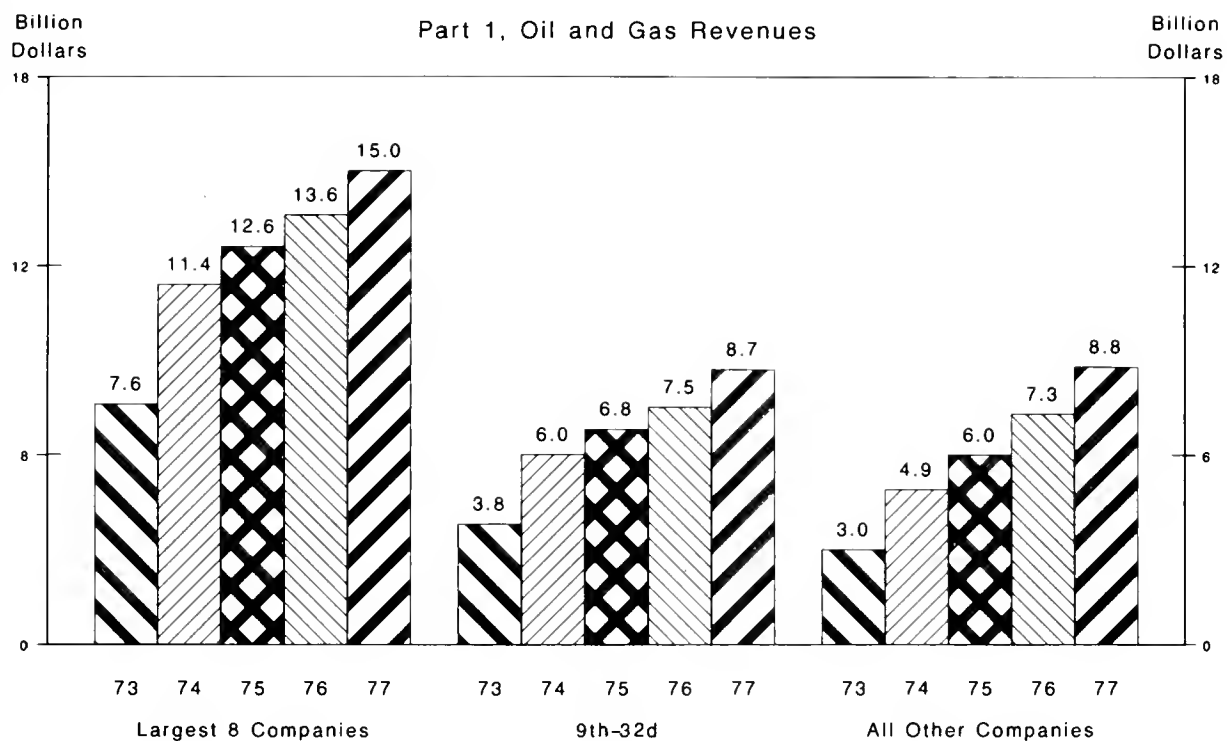


CHART I. Distribution of Selected Items for Companies  
Ranked by Total Lease Revenues:  
1973 to 1977  
(Net company interest)



(of 1977 gross operator revenues) was reduced to 37 percent. The ownership share of the largest eight companies has tended to decrease since 1973 when their share was 42 percent. Part 2 of chart I shows that the largest eight companies had \$40.8 billion in assets which amounted to 44 percent of the industry's total. There has been an annual decline in the largest eight companies' share of total assets of 1 percent per annum since 1973, when their share amounted to 48 percent.

## Geographical Distributions

Chart J provides the geographical distribution of oil and gas revenues and of assets for 1973 through 1977. The increase in revenues for Alaska reflects output from North Slope crude petroleum productive capacity developed since 1967. Without the 96 million barrel increase from onshore Alaska, total sales volumes for the United States would have declined from 1976 levels since sales from all other areas decreased by 92 million barrels of crude petroleum. The share of royalty interest held by private owners is greater in the onshore lower 48 States than in Alaska or in offshore areas since royalty interest in the latter areas are usually held by governments. Also, investments in the onshore lower 48 States are usually older than in Alaska or the offshore lower 48 States. These factors limit the usefulness of some of the percentage comparisons by geographic areas.

## Lease Acquisitions

Expenditures for acquiring nonproducing leases totalled \$2.6 billion in 1977. Such expenditures have fluctuated considerably during the 1973 to 1977 time period, particularly for offshore lease acquisitions. Prior to 1976, all of the Federal Offshore Continental Shelf (OCS) sales were for leases adjacent to the lower 48 States. The Bureau of Land Management OCS lease bonuses, which were \$1.6 billion,<sup>6</sup> accounted for about 60 percent of all lease and land acquisition expenditures for nonproducing acreage during 1977.

## Production and Expenditure Interrelationships

Of the net company interest total of 2,352 million barrels of crude petroleum and condensate, 1,793 million barrels were produced from leases containing only oil wells, 82 million barrels (of condensate) were produced from gas leases, and 477 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 15,400 billion cubic feet of natural gas showed that 10,155 cubic feet were produced from leases containing only gas wells, 1,539 billion cubic feet (of casinghead gas) were produced from leases containing only oil wells, and 3,706 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart K, net company interest expenditures for exploration, development, and production amounted to \$25.6 billion in 1977. Of this total, exploration accounted for \$7.8 billion; development, \$9.1 billion; and production, \$8.7 billion. This represents an increase in total expenditures of 13 percent since 1976. The above components increased by percentages of 8, 18, and 14 respectively.

During 1977, the industry's total expenditures for exploration, development, and production increased by \$3.0 billion while lease revenues increased by \$4.2 billion. The changes in the expenditure to revenue percentage by company size groupings is shown in chart L. During 1973 and 1974, expenditures for lease acquisitions of nonproducing acreage was the single largest expenditure item. Since 1975, expenditures for drilling and equipping development wells has been the largest category.

Chart M is based on statistics from table 4A and shows a slight change in the percentage of revenues expended for production since 1975. Each of the groups shown in chart M expended between 24 and 30 percent of their revenues for production in 1977. The position of the "all other" companies category was within 4 percent of the industry average in 1977 compared to 8 percent in 1976, 9 percent in 1975, 10 percent in 1974, and 17 percent in 1973. While the tendency for smaller companies to spend a higher percentage of lease revenues for production has continued, the extent of this variation has diminished considerably since 1973. Production expenditures do not represent all expenditures actually incurred for production since income taxes, depletion, depreciation, amortization, and interest on investment are excluded.

## Methods of Accounting

Table 9 presents statistics by accounting method. The accounting method information was obtained by telephone or by a supplemental inquiry letter (appendix B). Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that other companies would charge to current expenses. In 1977, companies using the successful efforts method of accounting capitalized 81 percent of their exploration and development expenditures while companies using the full cost method (e.g., companies that capitalize expenditures for drilling exploratory dry holes), capitalized 93 percent of their exploration and development expenditures. If project characteristics (e.g., degree of risk) are the same for companies using alternative methods of accounting, it is logical to expect the full cost method companies to have a lower return on assets than companies using the successful efforts method. Figures in table E substantiate that the successful efforts method concerns have a higher rate of return in terms of their net revenues to net assets ratio than full cost companies; the former's rate was 58 percent while the latter's rate was 40 percent.

<sup>6</sup> Outer Continental Shelf Statistics, U.S. Department of the Interior June 1977, p. 21.



CHART J. Distribution of Selected Items  
by Geographic Areas: 1973 to 1977  
(Net company interest)

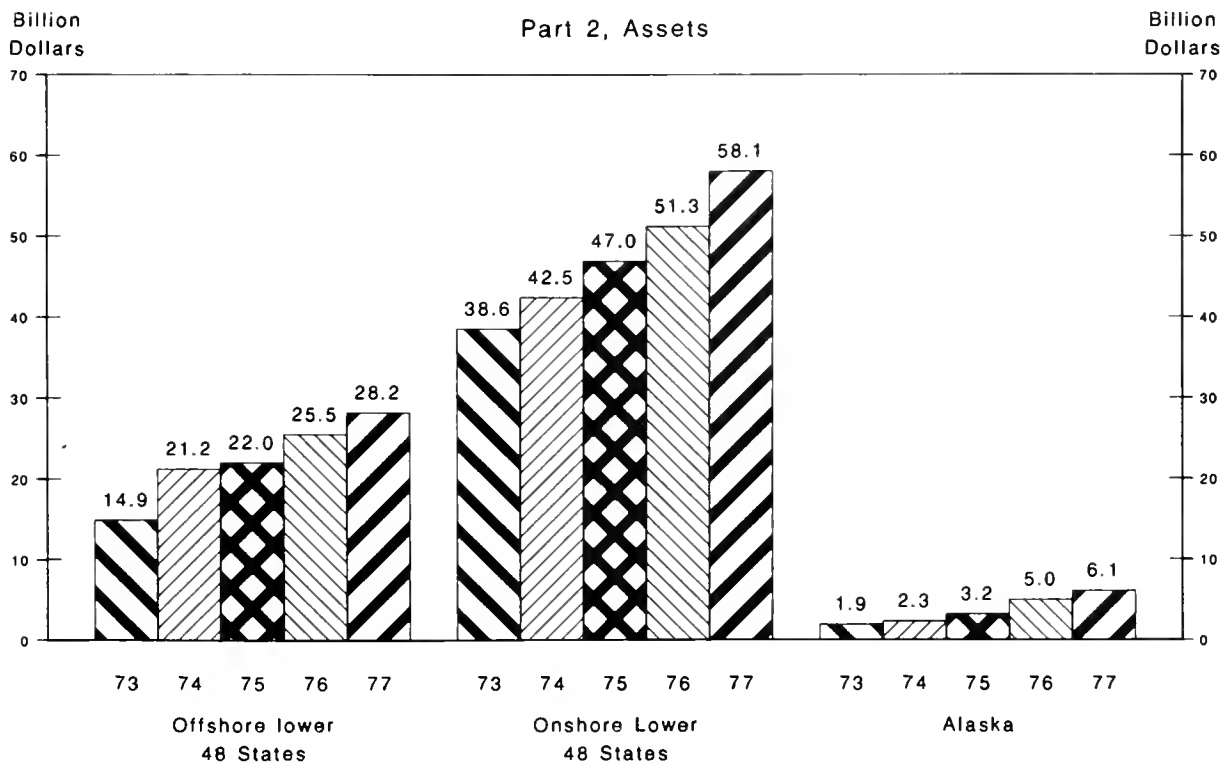
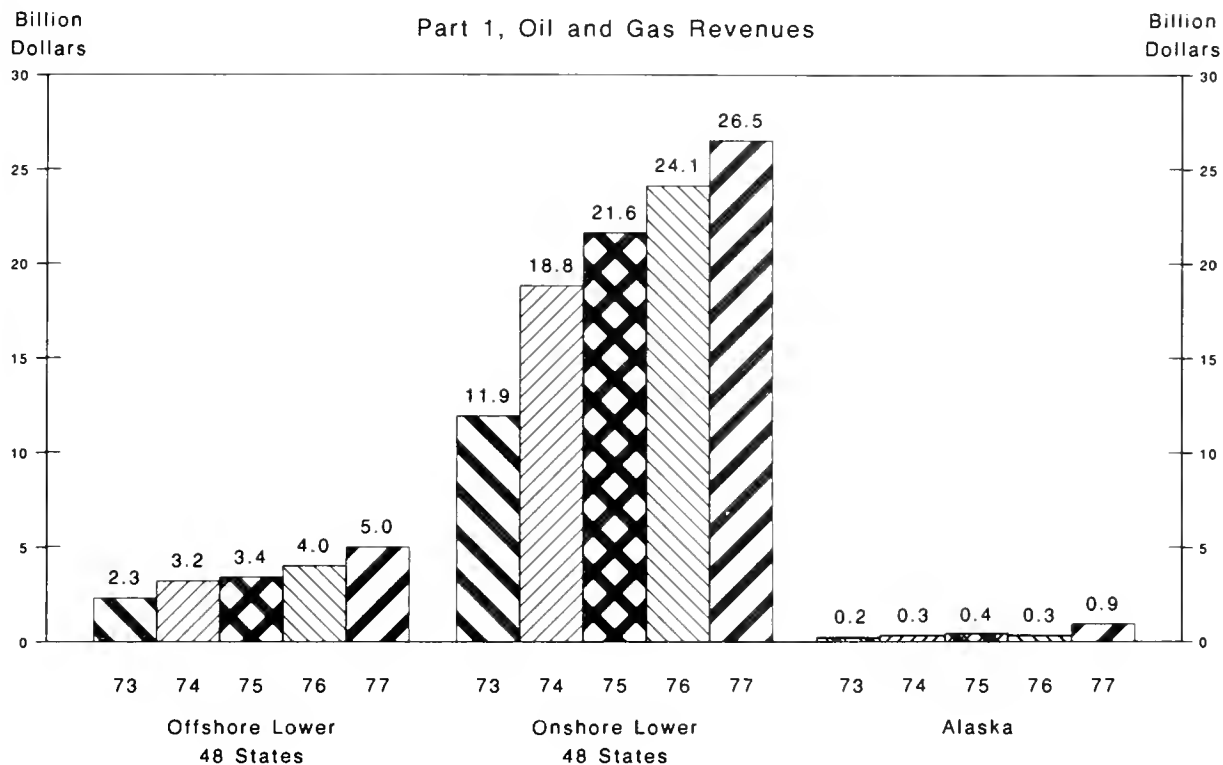


CHART K. Exploration, Development and Production  
Expenditures: 1973 to 1977  
(Net company interest)

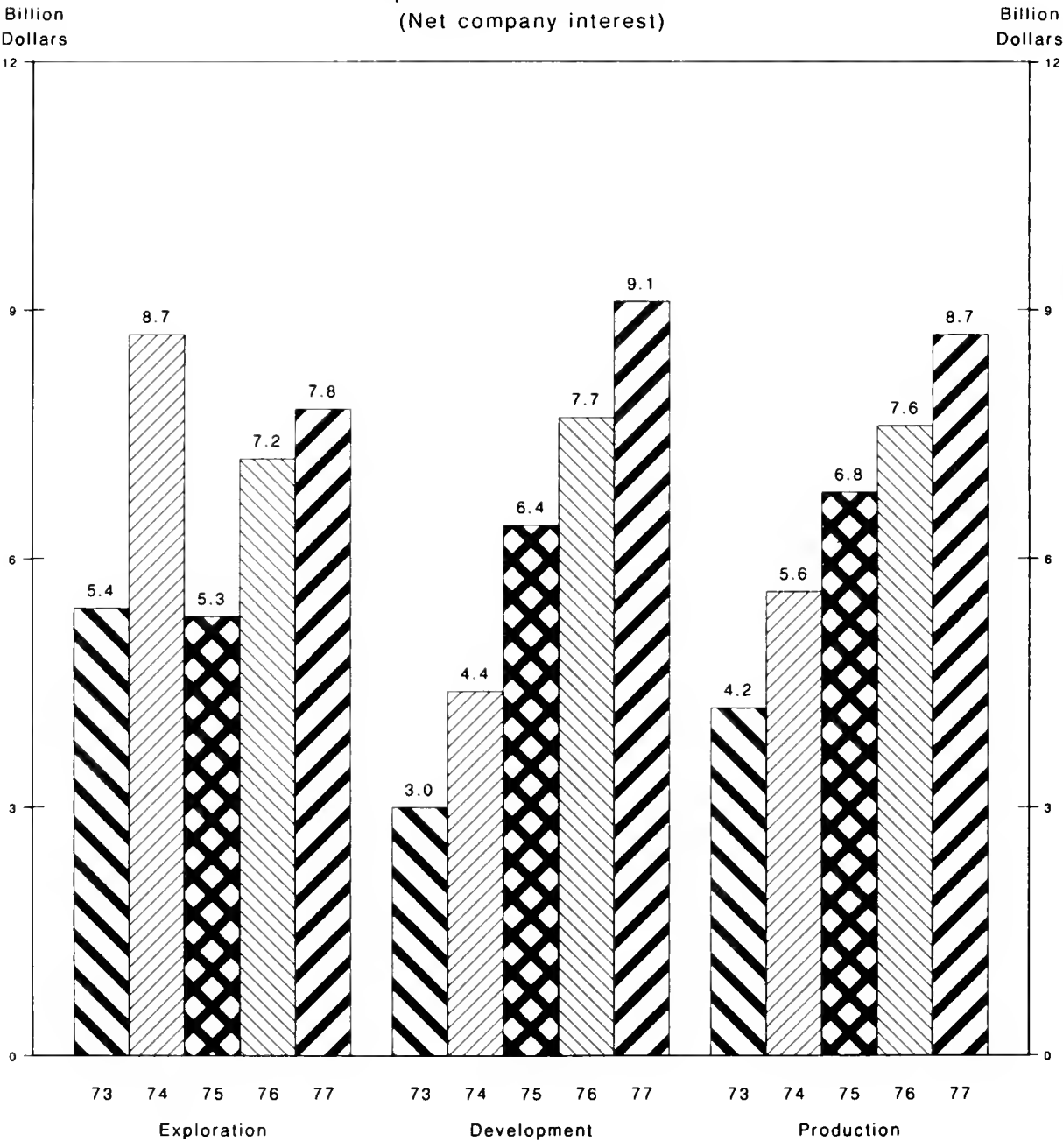


CHART L. Total Expenditures (Exploration, Development, and Production) as a Percentage of Revenues for Companies Ranked by Total Lease Revenues: 1973 to 1977  
(Net company interest)

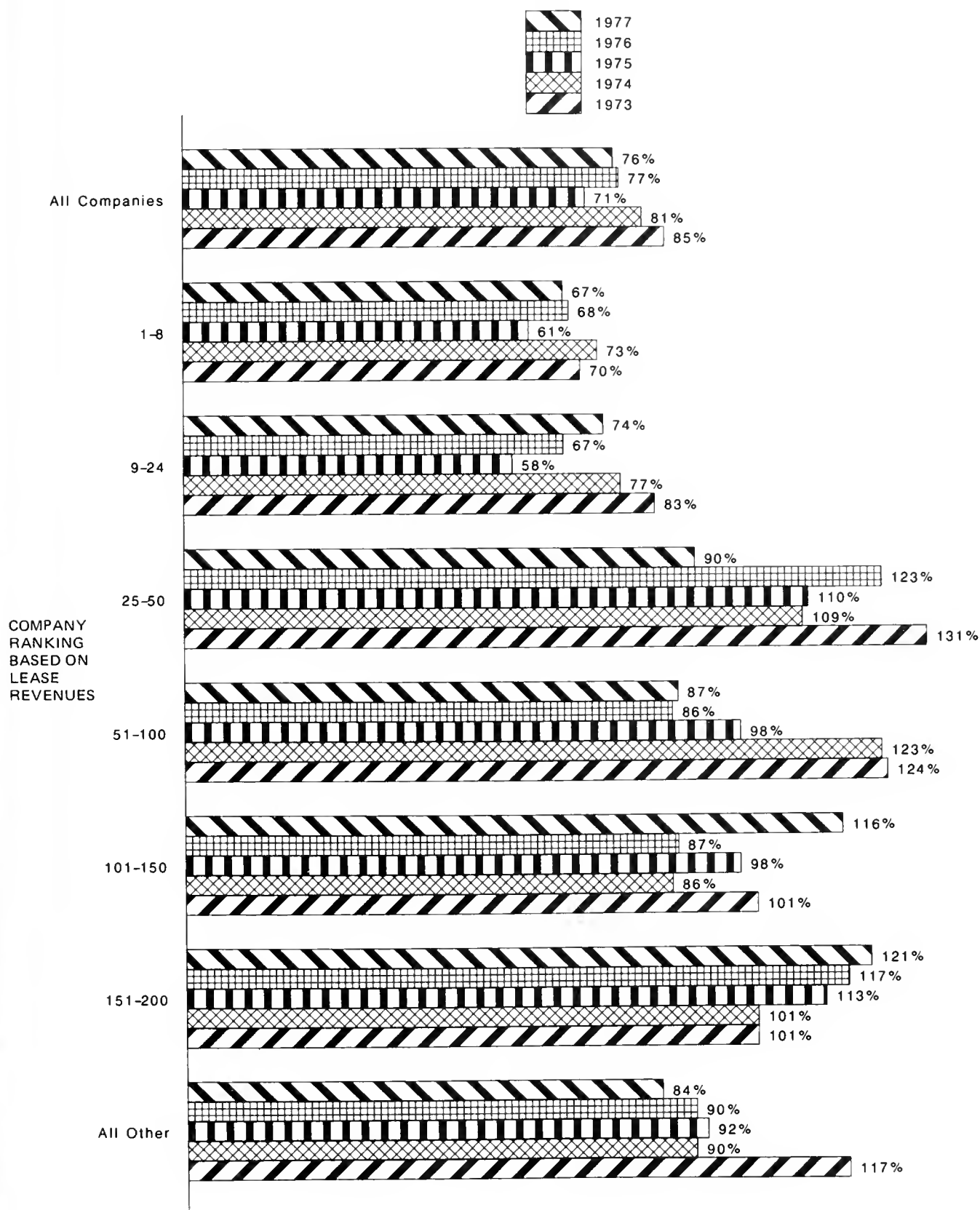
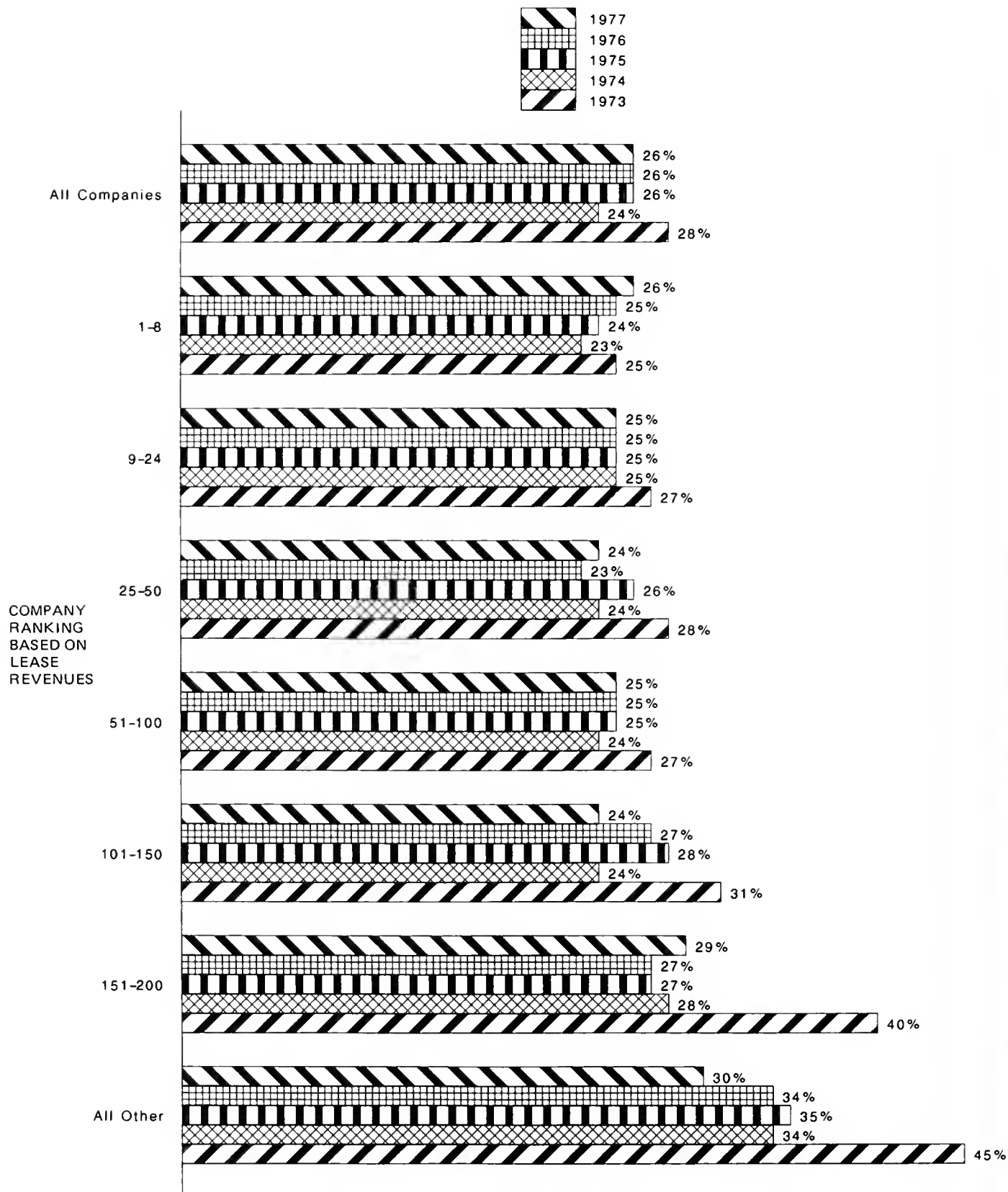


CHART M. Production Expenditures as a Percentage  
of Revenues for Groups of Companies Ranked  
by Total Lease Revenues: 1973 to 1977  
(Net company interest)



**Table E. NET REVENUE TO NET ASSET RATIOS BY ACCOUNTING METHOD: 1977**

(Net company interest basis)

Accounting method	Net revenues <sup>1</sup> (million dollars)	Net assets <sup>2</sup> (million dollars)	Net revenues to net assets (percent)
Successful efforts.	22,125.8	38,323.7	58
Full costs. . . . .	4,224.7	10,560.8	40
Combination or other methods. .	1,736.4	3,333.2	52

<sup>1</sup> Net revenues were derived by subtracting charges to depletion, depreciation, and amortization during the year from lease revenues.

<sup>2</sup> Net assets were derived by subtracting accumulated cost of depreciation, depletion, and amortization from total assets.

## SUMMARY

The preceding information was based on statistics which appear in tables 1 through 9, 16, 17, and 21. These include aggregates of all detailed data collected for this survey. Tables 6 through 21 feature disaggregated statistics. For most of these tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 21 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphs presented in this report focus attention on some of the significant findings of this report.

## Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1977

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated, whether for their own account or for the account of others. Net company interest basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 79

percent of gross operator basis revenues. Expenditures for drilling and equipping wells on a net company interest basis were 12 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not canvassed. In the 1972 Census of Mineral Industries, royalty interest holders accounted for approximately 16 percent of the average operator account.

Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table F compares sales on a net company interest and gross operator basis.

## Comparison of Bureau of the Census Statistics to Department of Energy Statistics

Differences occur between the Bureau of the Census gross operator and the Department of Energy statistics which are due to such causes as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude petroleum and natural gas data directly from operators of oil and gas field properties. The Department of Energy obtains most of its production data for crude petroleum from State regulatory agencies and collects natural gas data directly from producing companies. Table G provides a comparison of data from the two agencies.

## PUBLICATION PROGRAM

This release contains final statistics covering oil and gas field exploration, development, and production activities from the 1977 Annual Survey of Oil and Gas. The 1977 survey is the fifth of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

## CONFIDENTIALITY OF INDIVIDUAL COMPANY DATA

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances, however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

Table F. COMPARISON OF GROSS OPERATOR AND NET COMPANY INTEREST STATISTICS: 1977, 1976, AND 1975

Year	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
<b>1977</b>						
Net company interest basis . . . . .	2,351.7	19,547.5	8.31	15,399.8	12,918.1	83.9
Gross operator basis. . .	2,980.3	24,548.1	8.24	19,462.0	16,411.5	84.3
Net-gross ratio . . . . .	.789	.796	1.008	.791	.787	.995
<b>1976</b>						
Net company interest basis . . . . .	2,347.6	18,624.1	7.93	15,893.1	9,771.7	61.5
Gross operator basis. . .	2,905.2	22,936.4	7.90	19,902.0	12,099.4	60.8
Net-gross ratio . . . . .	.808	.812	1.004	.799	.808	1.012
<b>1975</b>						
Net company interest basis . . . . .	2,414.0	18,142.2	7.52	16,138.3	7,240.9	44.9
Gross operator basis. . .	3,085.9	22,851.9	7.41	20,454.6	9,141.1	44.7
Net-gross ratio . . . . .	.782	.794	1.015	.789	.792	1.004

Table G. COMPARISON OF BUREAU OF THE CENSUS AND DEPARTMENT OF ENERGY STATISTICS: 1977, 1976, AND 1975

Year and agency	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
<b>1977</b>						
Bureau of the Census (sales—gross operator basis). . . . .	2,980.0	24,548.0	8.24	19,462.0	16,412.0	84.3
Department of Energy <sup>1</sup> (production). . . . .	3,009.0	25,791.0	8.57	<sup>2</sup> 20,025.0	15,834.0	79.1
Census-DOE ratio . . . . .	.990	.952	.961	.972	1.037	1.066
<b>1976</b>						
Bureau of the Census (sales—gross operator basis). . . . .	2,905.2	22,936.4	7.90	19,902.0	12,099.4	60.8
Bureau of Mines <sup>1</sup> (production). . . . .	2,976.2	24,229.5	8.14	<sup>2</sup> 19,952.4	11,571.8	58.0
Census-Mines ratio. . . . .	.976	.947	.971	.997	1.046	1.048
<b>1975</b>						
Bureau of the Census (sales—gross operator basis). . . . .	3,085.9	22,851.9	7.41	20,454.6	9,141.1	44.7
Bureau of Mines <sup>1</sup> (production). . . . .	3,056.8	23,116.1	7.56	<sup>2</sup> 20,108.7	8,945.1	44.5
Census-Mines ratio. . . . .	1.010	.989	.980	1.017	1.022	1.004

<sup>1</sup> Source: U.S. Bureau of Mines, *Natural Gas*, annual; *Petroleum Statement*, monthly, April 1977 and March 1976; and U.S. Department of Energy, *Natural Gas*, annual; *Petroleum Statement*, annual.

<sup>2</sup> Marketed production represents gross withdrawals less gas used for repressuring and quantities vented or flared.

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**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1977**

(Gross operator basis)

Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volumes:								
Crude petroleum and condensate:								
1977.....	Mil. dol.....	2,980.3	1,497.5	616.8	170.0	74.0	144.7	2,503.0
1976.....	..do.....	2,905.2	1,481.6	587.5	147.7	122.1	97.0	2,435.9
1975.....	..do.....	3,085.9	1,654.1	552.7	195.3	87.0	136.6	2,625.7
1974.....	..do.....	3,159.3	1,707.5	581.3	200.9	90.0	113.7	2,693.3
1973.....	..do.....	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
From stripper well leases:								
1977.....	..do.....	341.1	94.5	47.2	21.7	3.2	22.1	188.8
1976.....	..do.....	315.1	83.5	51.2	12.1	3.7	9.5	160.0
1975.....	..do.....	302.0	69.6	47.3	10.4	3.6	16.2	147.1
1974.....	..do.....	291.7	68.4	39.9	8.3	3.3	18.0	137.8
1973.....	..do.....	259.2	48.8	32.8	6.8	10.5	10.9	109.8
Lease condensate:								
1977.....	..do.....	149.9	63.5	23.4	16.7	7.2	9.0	119.9
1976.....	..do.....	147.5	57.8	30.2	14.7	7.4	6.2	116.3
1975.....	..do.....	157.0	62.7	35.1	11.6	8.4	7.2	124.9
1974.....	..do.....	157.6	65.5	35.4	13.5	9.4	6.1	129.9
1973.....	..do.....	165.9	80.0	26.7	22.8	4.1	8.0	141.8
Natural gas:								
1977.....	Bil. cu. ft..	19,462.0	8,377.1	2,752.9	1,939.0	1,042.8	1,274.8	15,386.6
1976.....	..do.....	19,902.0	8,726.5	3,515.2	1,573.8	1,023.7	1,067.1	15,906.3
1975.....	..do.....	20,454.6	8,898.3	3,863.9	1,242.8	1,147.8	1,054.2	16,207.0
1974.....	..do.....	21,877.8	9,860.9	4,064.7	1,445.8	1,082.9	1,084.9	17,539.1
1973.....	..do.....	22,314.7	11,322.3	3,577.7	1,528.6	1,174.2	902.3	18,505.1
Lease revenues:								
Crude petroleum and condensate:								
1977.....	Mil. dol.....	24,548.1	11,911.2	4,625.7	1,443.6	576.6	1,207.8	19,764.9
1976.....	..do.....	22,936.4	11,537.7	4,279.4	1,218.4	785.7	851.7	18,673.0
1975.....	..do.....	22,851.9	11,960.9	3,948.3	1,317.1	598.1	1,075.2	18,899.6
1974.....	..do.....	20,937.8	11,204.6	3,708.0	1,247.6	564.5	770.7	17,495.3
1973.....	..do.....	13,039.6	7,035.5	2,448.3	741.1	394.9	483.5	11,103.3
Lease condensate:								
1977.....	..do.....	1,334.2	534.4	203.2	155.9	69.1	79.4	1,042.0
1976.....	..do.....	1,224.0	458.2	226.9	155.1	62.0	67.0	969.2
1975.....	..do.....	1,180.5	461.4	236.3	92.9	68.3	60.2	919.2
1974.....	..do.....	1,092.1	457.9	223.2	93.8	68.4	53.3	896.6
1973.....	..do.....	695.7	340.0	103.7	94.5	17.5	35.5	591.2
Natural gas:								
1977.....	..do.....	16,411.5	6,323.1	2,170.7	1,574.1	1,076.0	1,250.2	12,394.1
1976.....	..do.....	12,099.4	4,813.1	1,939.1	1,039.4	518.8	940.5	9,251.0
1975.....	..do.....	9,141.1	3,858.5	1,618.2	567.0	481.3	492.7	7,017.8
1974.....	..do.....	8,866.7	3,035.5	1,237.6	454.6	322.8	349.8	5,400.3
1973.....	..do.....	5,110.4	2,493.1	793.6	380.0	253.8	239.0	4,159.5
Expenditures for drilling and equipping wells completed during the year:								
1977, total.....	..do.....	9,024.6	2,599.1	1,036.5	578.7	498.9	783.9	5,497.2
Exploration.....	..do.....	3,291.7	792.2	265.3	169.3	228.4	300.2	1,755.5
Development.....	..do.....	5,732.8	1,806.9	771.2	409.4	270.5	483.7	3,741.7
1976, total.....	..do.....	6,908.1	1,821.5	783.1	498.0	498.7	734.6	4,335.8
1975, total.....	..do.....	5,775.5	1,477.6	708.3	320.0	322.0	372.5	3,200.4
1974, total.....	..do.....	4,198.5	1,139.9	538.2	248.8	166.0	262.6	2,355.4
1973, total.....	..do.....	2,889.1	877.3	347.5	202.2	118.7	240.0	1,785.6

See footnotes at end of table.



**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1977—Continued**

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1977.....	Mil. bbl.....	66.7	70.2	2,639.9	57.4	37.4	2,734.7	245.6
1976.....	..do.....	69.9	78.9	2,584.6	58.8	34.9	2,678.3	226.9
1975.....	..do.....	57.3	70.3	2,753.3	61.8	36.2	2,851.3	234.6
1974.....	..do.....	54.3	63.4	2,811.0	57.4	38.0	2,906.4	252.9
1973.....	..do.....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5
From stripper well leases:								
1977.....	..do.....	14.5	7.0	210.3	14.6	9.8	234.7	106.5
1976.....	..do.....	19.6	11.6	191.3	13.5	8.9	213.6	101.5
1975.....	..do.....	10.9	14.8	172.8	15.1	8.6	196.4	105.5
1974.....	..do.....	6.7	10.9	155.4	11.6	8.3	175.3	116.4
1973.....	..do.....	6.5	8.1	124.5	11.4	6.2	142.1	117.1
Lease condensate:								
1977.....	..do.....	5.6	5.6	131.0	2.8	2.1	135.9	14.0
1976.....	..do.....	7.5	4.7	128.6	3.6	2.1	134.3	13.2
1975.....	..do.....	5.1	4.2	134.1	4.7	2.6	141.5	15.5
1974.....	..do.....	3.4	4.5	137.8	3.2	4.6	145.5	12.1
1973.....	..do.....	3.2	6.1	151.1	3.5	1.8	156.4	9.5
Natural gas:								
1977.....	Bil. cu. ft..	674.0	627.2	16,687.8	492.6	267.3	17,447.7	2,014.3
1976.....	..do.....	793.4	573.4	17,273.1	462.9	212.3	17,948.3	1,953.7
1975.....	..do.....	863.2	590.4	17,660.6	530.0	294.2	18,484.8	1,969.8
1974.....	..do.....	798.7	760.4	19,098.2	526.4	310.4	19,935.0	1,942.8
1973.....	..do.....	671.5	674.1	19,850.7	500.3	283.9	20,634.9	1,680.0
Lease revenues:								
Crude petroleum and condensate:								
1977.....	Mil. dol.....	648.6	633.2	21,046.8	582.1	329.7	21,958.5	2,589.6
1976.....	..do.....	632.3	645.3	19,950.6	529.7	318.8	20,799.1	2,137.3
1975.....	..do.....	504.4	573.6	19,977.6	519.1	301.8	20,798.5	2,053.4
1974.....	..do.....	373.6	476.2	18,345.1	429.6	250.9	19,025.6	1,912.3
1973.....	..do.....	245.2	252.3	11,600.9	240.3	157.4	11,998.5	1,041.1
Lease condensate:								
1977.....	..do.....	57.2	53.5	1,152.7	27.0	22.5	1,202.2	132.0
1976.....	..do.....	51.2	45.2	1,065.5	29.7	19.2	1,114.5	109.5
1975.....	..do.....	42.4	36.7	998.3	33.5	23.6	1,055.4	125.0
1974.....	..do.....	27.9	34.3	958.8	22.6	30.7	1,012.1	80.0
1973.....	..do.....	13.0	28.4	632.6	14.4	8.3	655.2	40.5
Natural gas:								
1977.....	..do.....	657.8	605.9	13,657.8	443.8	222.8	14,324.5	2,087.0
1976.....	..do.....	497.9	418.9	10,167.8	313.9	142.2	10,623.9	1,475.5
1975.....	..do.....	435.8	301.4	7,755.0	253.5	135.2	8,143.8	997.3
1974.....	..do.....	273.3	220.3	5,893.9	177.7	99.6	6,171.1	695.6
1973.....	..do.....	161.5	173.3	4,494.2	116.9	67.2	4,678.4	432.1
Expenditures for drilling and equipping wells completed during the year:								
1977, total.....	..do.....	497.6	425.8	6,420.5	471.3	305.5	7,197.3	1,827.2
Exploration.....	..do.....	184.8	179.5	2,119.8	211.5	114.7	2,445.9	845.8
Development.....	..do.....	312.7	246.3	4,300.8	259.8	190.8	4,751.4	981.4
1976, total.....	..do.....	382.8	321.2	5,039.8	338.2	183.7	5,561.9	1,346.2
1975, total.....	..do.....	483.7	335.5	4,019.6	330.7	191.7	4,541.9	1,233.5
1974, total.....	..do.....	368.5	266.6	2,990.4	314.9	141.2	3,446.7	751.8
1973, total.....	..do.....	186.0	142.2	2,113.9	132.5	78.1	2,324.4	564.7

See footnotes at end of table.

Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1977—Continued

(Gross operator basis)

Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1977, total <sup>2</sup> .....	Mil. dol.....	10,123.9	3,081.1	1,207.6	708.5	523.8	831.6	6,352.5
Exploration.....	..do.....	3,752.8	1,028.9	264.9	183.0	228.7	347.6	2,053.2
Development.....	..do.....	6,371.1	2,052.1	942.7	525.5	295.1	484.0	4,299.3
1976, total.....	..do.....	8,071.4	2,706.2	958.3	543.4	492.4	774.4	5,474.9
1975, total.....	..do.....	6,506.9	1,865.5	815.3	396.4	442.0	412.4	3,931.7
1974, total.....	..do.....	4,607.3	1,337.8	585.1	293.2	236.2	258.2	2,710.6
1973, total.....	..do.....	3,193.8	1,094.5	367.2	221.3	122.2	266.2	2,071.5
Dry holes completed during the year:								
1977, total.....	..do.....	2,759.2	807.3	264.4	141.4	100.3	232.2	1,545.6
Exploration.....	..do.....	1,931.0	609.5	169.7	114.8	76.7	170.2	1,140.9
Development.....	..do.....	828.2	197.8	94.7	26.6	23.5	62.1	404.7
1976, total.....	..do.....	1,972.4	550.6	213.7	121.0	130.0	224.0	1,239.1
1975, total.....	..do.....	1,769.2	435.9	191.5	143.8	91.3	136.3	998.8
1974, total.....	..do.....	1,562.2	394.7	229.1	104.4	49.1	108.0	885.4
1973, total.....	..do.....	919.0	263.5	126.7	50.4	24.1	82.9	547.6
Oil wells completed during the year:								
1977, total.....	..do.....	2,824.4	980.5	352.0	161.1	61.8	243.0	1,798.4
Exploration.....	..do.....	450.9	69.2	17.3	11.4	23.2	22.1	143.3
Development.....	..do.....	2,373.5	911.3	334.7	149.7	38.6	220.9	1,655.1
1976, total.....	..do.....	2,219.4	636.0	305.2	94.3	109.6	144.0	1,289.1
1975, total.....	..do.....	2,052.0	655.3	288.9	60.5	90.2	119.9	1,214.7
1974, total.....	..do.....	1,338.7	459.2	163.8	53.4	15.0	71.1	762.4
1973, total.....	..do.....	1,050.3	384.2	123.3	68.2	23.5	78.9	678.1
Gas well completed during the year:								
1977, total.....	..do.....	3,440.9	811.3	420.1	276.3	336.9	308.6	2,153.2
Exploration.....	..do.....	909.8	113.5	78.3	43.2	128.5	107.9	471.3
Development.....	..do.....	2,531.1	697.9	341.8	233.1	208.4	200.7	1,681.9
1976, total.....	..do.....	2,716.2	635.0	264.5	282.8	259.2	366.4	1,807.8
1975, total.....	..do.....	1,954.3	386.4	227.9	115.7	140.5	116.3	986.9
1974, total.....	..do.....	1,297.5	286.1	145.2	90.9	101.9	83.5	707.6
1973, total.....	..do.....	920.0	229.8	97.4	83.6	71.2	78.1	560.1
Work-in-progress adjustment:								
1977, total.....	..do.....	1,099.4	481.9	171.1	129.7	24.9	47.7	855.3
Exploration.....	..do.....	461.1	236.8	-4	13.7	0.3	47.4	297.7
Development.....	..do.....	638.3	245.2	171.5	116.0	24.6	.3	557.6
1976, total.....	..do.....	1,163.2	884.7	175.3	45.4	-6.3	39.8	1,139.1
1975, total.....	..do.....	731.5	387.9	107.0	76.4	120.2	39.9	731.4
1974, total.....	..do.....	408.8	197.9	46.9	44.4	70.2	-4.4	355.2
1973, total.....	..do.....	305.0	217.2	19.7	19.1	3.5	26.2	285.8
Expenditures for platforms, total.....								
Drilling platforms <sup>2</sup> .....	..do.....	697.5	312.1	93.4	(D)	102.3	(D)	599.0
Production platforms.....	..do.....	512.5	240.2	71.6	(D)	(D)	(D)	454.8
	..do.....	185.0	71.8	21.9	14.9	(D)	(D)	144.2
Employment:								
1977.....	Thousand.....	133.8	42.4	15.6	10.2	6.9	6.0	80.9
1976.....	..do.....	136.0	43.1	17.5	7.3	7.2	5.7	80.8
1975.....	..do.....	136.7	39.9	18.4	6.9	8.5	5.4	79.1
1974.....	..do.....	125.2	38.3	16.4	7.8	7.8	5.0	75.4
1973.....	..do.....	123.5	38.3	17.5	6.5	6.9	4.8	74.0

See footnotes at end of table.

Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1977—Continued

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1977, total.....	Mil. dol.....	489.9	501.6	7,344.0	485.9	310.2	8,140.2	1,983.6
Exploration.....	..do.....	191.7	218.3	2,463.1	214.4	118.9	2,796.4	956.4
Development.....	..do.....	298.3	283.3	4,880.9	271.6	191.4	5,343.8	1,027.3
1976, total.....	..do.....	370.7	337.9	6,183.6	335.8	184.9	6,704.4	1,366.9
1975, total.....	..do.....	448.5	338.4	4,718.6	337.2	194.1	5,250.1	1,256.8
1974, total.....	..do.....	400.9	276.5	3,388.0	281.9	143.1	3,813.1	794.2
1973, total.....	..do.....	175.0	151.8	2,398.3	135.4	80.0	2,613.6	580.2
Dry holes completed during the year:								
1977, total.....	..do.....	171.0	148.9	1,865.5	178.6	99.2	2,143.4	615.8
Exploration.....	..do.....	83.2	100.3	1,324.5	133.0	73.8	1,531.4	399.7
Development.....	..do.....	87.8	48.6	541.0	45.6	25.4	612.0	216.1
1976, total.....	..do.....	111.7	98.6	1,449.3	111.0	59.0	1,619.4	353.0
1975, total.....	..do.....	176.4	107.3	1,282.4	100.2	59.9	1,442.5	326.6
1974, total.....	..do.....	141.0	92.2	1,118.5	87.0	58.2	1,263.6	298.6
1973, total.....	..do.....	59.0	63.7	670.3	40.1	28.4	738.7	180.3
Oil wells completed during the year:								
1977, total.....	..do.....	92.8	103.4	1,994.6	127.4	111.8	2,233.8	590.6
Exploration.....	..do.....	14.2	25.6	183.1	31.4	20.4	234.8	216.1
Development.....	..do.....	78.6	77.8	1,811.5	96.1	91.4	1,999.0	374.5
1976, total.....	..do.....	75.0	110.6	1,474.7	103.7	75.0	1,653.5	565.9
1975, total.....	..do.....	96.3	88.6	1,399.5	110.4	62.2	1,572.2	479.7
1974, total.....	..do.....	81.8	111.8	956.1	77.4	33.5	1,067.0	271.7
1973, total.....	..do.....	46.0	35.7	759.7	45.8	24.2	829.8	220.5
Gas well completed during the year:								
1977, total.....	..do.....	233.7	173.4	2,560.4	165.3	94.5	2,820.2	620.8
Exploration.....	..do.....	87.3	53.5	612.2	47.1	20.5	679.7	230.1
Development.....	..do.....	146.4	119.9	1,948.2	118.2	74.0	2,140.4	390.7
1976, total.....	..do.....	195.9	112.1	2,115.8	123.6	49.7	2,289.0	427.2
1975, total.....	..do.....	211.0	139.6	1,337.5	120.1	69.6	1,527.2	427.2
1974, total.....	..do.....	145.5	62.7	915.9	150.6	49.5	1,115.9	181.6
1973, total.....	..do.....	81.1	42.8	684.0	46.6	25.4	756.1	163.9
Work-in-progress adjustment:								
1977, total.....	..do.....	-7.6	75.8	923.5	14.7	4.7	942.9	156.5
Exploration.....	..do.....	6.8	38.8	343.4	2.9	4.2	350.5	110.6
Development.....	..do.....	-14.5	37.0	580.1	11.7	0.6	592.4	45.9
1976, total.....	..do.....	-11.9	16.7	1,143.8	-2.4	1.2	1,142.5	20.7
1975, total.....	..do.....	-35.2	3.0	699.3	6.5	2.4	708.2	23.4
1974, total.....	..do.....	32.4	9.9	397.6	-33.0	1.9	366.4	42.4
1973, total.....	..do.....	-11.0	9.6	284.4	2.6	2.0	289.0	16.0
Expenditures for platforms, total.....								
Drilling platforms <sup>2</sup> .....	..do.....	(D)	(D)	646.1	(D)	(D)	680.9	16.6
Production platforms.....	..do.....	(D)	(D)	(D)	(D)	(D)	505.1	7.5
	..do.....	13.8	7.6	(D)	-	(D)	175.8	9.1
Employment:								
1977.....	Thousand.....	5.2	4.9	91.1	4.8	2.4	98.3	35.6
1976.....	..do.....	5.3	4.4	90.4	4.6	2.5	97.4	38.6
1975.....	..do.....	3.6	4.8	87.5	6.1	2.7	96.3	40.4
1974.....	..do.....	3.7	3.6	82.7	3.8	2.5	89.0	36.2
1973.....	..do.....	4.3	2.4	80.7	4.0	1.7	86.5	37.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (Z) Less than half of the unit of measurement shown. <sup>†</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

Table 2. Gross Operator Basis Statistics: 1973 to 1977

Item	Unit of measure	1977	1976	1975	1974	1973	Index (1977=100)			
							1976	1975	1974	1973
Sales volumes:										
Crude petroleum and condensate.....	Mil. bbl.....	2,980.3	2,905.2	3,085.9	3,159.3	3,347.7	97.5	103.5	106.0	112.3
From stripper well leases.....	...do.....	341.3	315.1	302.0	291.7	259.2	92.3	88.5	85.5	75.9
Lease condensate.....	...do.....	149.9	147.5	154.6	157.6	165.9	98.4	103.1	105.1	110.7
Natural gas.....	Bil. cu. ft..	19,462.0	19,902.0	20,454.6	21,877.8	22,314.7	102.3	105.1	112.4	114.7
Lease revenues:										
Crude petroleum and condensate.....	Mil. do.....	24,548.1	22,936.4	22,851.9	20,937.8	13,039.6	93.4	93.1	85.3	53.1
Crude petroleum.....	...do.....	23,213.9	21,712.2	21,687.5	19,845.7	12,343.9	93.5	93.4	85.5	53.2
Lease condensate.....	...do.....	1,334.2	1,224.0	1,164.4	1,092.1	695.7	91.7	87.3	81.9	52.1
Natural gas.....	...do.....	16,411.5	12,099.4	9,141.1	6,866.7	5,110.4	73.7	55.7	41.8	31.1
Unit values:										
Crude petroleum and condensate.....	dol. per bbl.	8.24	7.89	7.41	6.63	3.90	95.8	89.9	80.5	47.3
Natural gas.....	dol. per. 1,000 cu. ft.	0.84	0.61	0.45	0.31	0.23	72.6	53.6	36.9	27.4
Expenditures:										
Exploration expenditures:										
Drilling and equipping wells <sup>1</sup> .....	Mil. dol.....	3,752.8	2,920.2	2,555.8	1,879.9	1,116.2	77.8	68.1	50.1	29.7
Dry holes.....	...do.....	1,931.0	1,406.5	1,317.5	1,156.6	661.1	72.8	68.2	59.9	34.2
Oil.....	...do.....	450.9	395.8	365.9	220.2	137.1	87.8	81.1	48.8	30.4
Gas.....	...do.....	909.8	803.2	658.4	376.7	212.7	94.9	72.4	41.4	23.4
Work-in-progress adjustment.....	...do.....	461.1	254.7	214.0	126.4	105.6	55.2	46.4	27.4	22.9
Development expenditures:										
Drilling and equipping wells <sup>1</sup> .....	...do.....	6,371.1	5,151.2	3,951.2	2,727.4	2,077.6	80.9	62.0	42.8	32.6
Dry holes.....	...do.....	828.2	565.9	451.7	405.6	257.9	68.3	54.5	49.0	31.1
Oil.....	...do.....	2,373.5	1,823.6	1,686.0	1,118.5	913.2	76.8	71.0	47.1	38.5
Gas.....	...do.....	2,531.1	1,853.0	1,295.9	920.8	707.3	73.2	51.2	36.4	27.9
Work-in-progress adjustment.....	...do.....	638.3	908.5	517.5	282.4	199.4	142.3	81.1	44.2	31.2
Employment.....	Thousands....	133.8	136.0	136.7	125.2	123.5	101.6	102.2	93.6	92.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 3. Detailed Net Company Interest Statistics: 1973 to 1977

Item	Unit of measure	1977	1976	1975	1974	1973	Index (1977=100)			
							1976	1975	1974	1973
Sales volumes:										
Crude petroleum and condensate.....	Mil. bbl.....	2,351.7	2,347.6	2,414.0	2,512.5	2,643.1	99.8	102.6	106.8	112.4
From stripper well leases.....	.....do.....	294.0	269.6	243.8	235.6	206.7	91.7	82.9	80.1	70.3
Lease condensate.....	.....do.....	112.4	112.4	116.5	122.5	131.9	100.0	103.6	109.0	117.3
Natural gas.....	Bil. cu. ft..	15,399.8	15,893.1	16,138.3	17,495.5	18,057.3	103.2	104.8	113.6	117.3
Lease revenues.....										
Crude petroleum and condensate.....	Mil. dol.....	33,598.9	29,366.8	26,237.5	23,051.4	14,909.7	87.4	78.1	68.6	44.4
Crude petroleum.....	.....do.....	19,547.5	18,624.1	18,142.2	16,772.5	10,345.6	95.3	92.8	85.8	52.9
Lease condensate.....	.....do.....	18,539.4	17,707.0	17,250.9	15,924.8	9,802.3	95.5	93.0	85.9	52.9
Natural gas.....	.....do.....	1,008.2	917.0	891.2	847.7	543.2	91.0	88.4	84.1	53.9
Income received from oil and gas royalties.....	.....do.....	12,918.1	9,771.7	7,240.9	5,552.0	4,058.8	75.6	56.1	43.0	31.4
Other lease revenues from producing operations.....	.....do.....	984.8	856.3	767.3	651.4	438.7	87.0	77.9	66.1	44.5
Capitalized.....	.....do.....	25,614.6	22,558.7	18,558.7	18,706.1	12,694.2	88.1	72.5	73.0	49.6
Expended.....	.....do.....	13,925.1	11,663.2	(NA)	(NA)	(NA)	83.8	(NA)	(NA)	(NA)
Expended.....	.....do.....	11,689.5	10,895.5	(NA)	(NA)	(NA)	93.2	(NA)	(NA)	(NA)
Expenditures by type:										
Exploration expenditures.....	.....do.....	7,843.3	7,183.9	5,310.3	8,658.8	5,446.2	91.6	67.7	110.4	69.4
Drilling and equipping wells <sup>1</sup> .....	.....do.....	3,229.9	2,467.1	2,124.2	1,580.5	944.2	76.4	65.8	48.9	29.2
Dry holes.....	.....do.....	1,642.2	1,292.4	1,147.9	911.7	557.7	78.7	69.9	55.5	34.0
Oil.....	.....do.....	401.8	368.2	287.3	177.5	113.4	91.6	71.5	44.2	28.2
Gas.....	.....do.....	762.6	666.6	511.6	308.8	194.1	87.4	67.1	40.5	25.5
Work-in-progress adjustment.....	.....do.....	423.3	139.7	177.5	182.5	79.2	33.0	41.9	43.1	18.7
Lease and land acquisitions of nonproducing acreage.....	.....do.....	2,587.1	3,024.3	1,614.5	5,774.0	3,552.0	116.9	62.4	223.2	137.3
Land department, leasing and scouting.....	.....do.....	164.1	126.3	113.4	90.6	76.5	77.0	69.1	55.2	46.6
Geological and geophysical.....	.....do.....	856.1	692.3	652.8	567.6	399.5	80.9	76.3	66.3	46.7
Lease rents.....	.....do.....	245.8	206.7	204.7	177.8	150.7	84.1	83.3	72.3	61.3
Test hole contributions.....	.....do.....	32.7	21.7	16.9	8.9	13.8	66.4	51.7	27.2	42.2
Other exploration expenditures, including direct overhead.....	.....do.....	305.2	240.6	242.0	168.6	106.0	78.8	79.3	55.2	34.7
General and administrative overhead not reported elsewhere.....	.....do.....	422.4	404.8	341.7	290.9	203.6	95.8	80.9	68.9	48.2
Development expenditures.....	.....do.....	9,067.7	7,734.8	6,422.6	4,413.1	3,039.3	85.3	70.8	48.7	33.5
Drilling and equipping wells <sup>1</sup> .....	.....do.....	5,663.3	4,154.4	3,354.6	2,265.2	1,766.8	73.4	59.2	40.0	31.2
Dry holes.....	.....do.....	647.3	453.4	396.0	305.2	225.7	70.0	61.2	47.1	34.9
Oil.....	.....do.....	2,337.4	1,587.6	1,391.6	984.6	788.1	67.9	59.5	42.1	33.7
Gas.....	.....do.....	2,124.4	1,465.4	1,122.3	745.8	623.6	69.0	52.8	35.1	29.4
Work-in-progress adjustment.....	.....do.....	554.2	648.0	444.9	229.6	129.5	116.9	80.3	41.4	23.4
Lease equipment.....	.....do.....	1,613.5	1,486.8	1,499.6	824.1	572.2	92.1	92.9	51.1	35.5
Lease and land acquisitions of producing acreage.....	.....do.....	273.1	381.4	303.4	474.0	183.1	139.7	111.1	173.6	67.0
Fluid injection and improved recovery programs.....	.....do.....	461.4	378.4	928.9	625.4	352.5	119.7	81.9	55.2	31.1
Other development expenditures.....	.....do.....	672.3	978.9							
General and administrative overhead not reported elsewhere.....	.....do.....	384.2	354.8	336.1	224.4	164.6	92.3	87.5	58.4	42.8
Production expenditures.....	.....do.....	8,703.6	7,639.9	6,825.8	5,634.2	4,208.5	87.8	78.4	64.7	48.4
Direct operating expenditures.....	.....do.....	5,262.0	4,507.4	3,952.9	3,246.4	2,593.6	85.7	75.1	61.7	49.3
Operating and maintenance.....	.....do.....	4,236.9	3,647.2	3,140.0	2,577.1	2,071.2	86.1	74.1	60.8	48.9
Well workovers.....	.....do.....	698.9	577.2	530.5	441.3	341.6	82.6	75.9	63.1	48.9
Other direct expenses.....	.....do.....	326.2	283.0	282.4	228.0	180.7	86.8	86.6	69.9	55.4
Indirect operating expenditures.....	.....do.....	3,441.6	3,132.5	2,872.8	2,387.7	1,615.0	91.0	83.5	69.4	46.9
Taxes (excluding income taxes).....	.....do.....	2,100.1	1,897.9	1,746.1	1,534.1	924.6	90.4	83.1	73.0	44.0
General and administrative overhead.....	.....do.....	905.9	865.5	768.8	601.4	496.8	95.5	84.9	66.4	54.8
Other indirect expenses.....	.....do.....	435.7	369.1	358.0	252.1	193.5	84.7	82.2	57.9	44.4
Gross book value of fixed assets (end of year) <sup>2</sup> :										
Oil and gas field properties.....	.....do.....	92,357.5	81,758.8	72,289.8	65,944.4	55,468.7	88.5	78.3	71.4	60.1
Buildings, other structures, and machinery.....	.....do.....	89,933.7	79,666.7	70,654.8	64,543.7	54,484.0	88.6	78.6	71.8	60.6
.....	.....do.....	2,423.9	2,092.1	1,634.9	1,400.7	984.6	86.3	67.4	57.8	40.6

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 4A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1977

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,351.7	1,169.6	449.8	165.1	80.1	70.3
From stripper well leases.....	..do.....	294.0	76.6	43.2	10.6	15.9	13.4
Lease condensate.....	..do.....	112.4	46.3	20.4	10.5	3.9	6.9
Natural gas.....	Bil. cu. ft.	15,399.8	6,955.6	2,775.5	833.6	451.5	1,112.2
Lease revenues.....							
Crude petroleum and condensate...	Mil. dol....	33,598.9	15,279.8	5,721.8	2,238.1	1,115.8	1,648.3
Crude petroleum.....	..do.....	19,547.5	9,448.9	3,439.9	1,318.1	653.3	629.7
Lease condensate.....	..do.....	18,539.4	9,036.6	3,258.3	1,223.8	624.0	565.8
Natural gas.....	..do.....	1,008.2	412.4	181.6	94.3	29.3	63.8
Income from oil and gas royalties	..do.....	12,918.1	5,574.6	2,055.5	803.3	398.0	980.2
Other lease revenues from pro-	..do.....	984.8	228.2	204.1	100.8	64.5	38.5
ducing operations.....	..do.....	148.5	28.1	22.2	15.9		
Expenditures (capitalized and expensed).....							
Exploration expenditures.....	..do.....	25,614.6	10,301.1	3,999.6	1,911.8	893.6	1,589.5
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	2,820.7	1,144.5	602.2	251.3	615.7
Dry holes.....	..do.....	3,229.9	910.9	286.6	217.6	122.2	272.1
Oil wells.....	..do.....	1,642.2	511.6	198.8	115.5	74.1	114.6
Gas wells.....	..do.....	401.8	74.6	22.8	26.1	19.1	14.9
Work-in-progress adjustment.....	..do.....	762.6	92.4	43.9	69.7	24.4	122.9
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	232.3	21.1	6.3	4.6	19.6
Land department leasing and scouting.....	..do.....	2,587.1	983.5	558.1	233.9	77.2	211.3
Geological and geophysical.....	..do.....	164.1	46.4	31.7	15.5	3.5	17.9
Lease rents.....	..do.....	856.1	453.9	144.8	75.3	17.9	42.5
Test hole contributions.....	..do.....	245.8	77.7	33.4	18.3	8.9	21.9
Other exploration expenditures, including direct overhead.....	..do.....	32.7	19.0	6.5	1.1	0.2	0.4
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	124.2	46.8	21.6	13.0	24.0
Development expenditures.....	..do.....	422.4	205.2	36.7	18.8	8.5	25.6
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,067.7	3,562.5	1,341.9	839.3	357.2	604.0
Dry holes.....	..do.....	5,663.3	2,041.8	861.8	402.1	227.9	430.5
Oil wells.....	..do.....	647.3	183.1	87.4	26.5	17.6	60.9
Gas wells.....	..do.....	2,337.4	890.3	276.9	322.6	122.6	84.9
Work-in-progress adjustment.....	..do.....	2,124.4	645.3	327.3	139.8	91.5	231.1
Lease equipment <sup>3</sup> .....	..do.....	554.2	323.1	170.3	-86.8	-3.7	53.7
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	794.6	194.7	138.7	34.6	96.3
Fluid injection and improved recovery programs.....	..do.....	273.1	14.2	(D)	8.6	(D)	(D)
Other development expenditures, including direct overhead.....	..do.....	461.4	270.6	111.2	38.3	13.8	8.9
General and administrative overhead not reported elsewhere.....	..do.....	672.3	282.5	71.6	251.7	(D)	17.3
Production expenditures.....	..do.....	384.2	158.7	(D)			
Direct operating expenditures.....	..do.....	8,703.6	3,917.9	1,513.3	470.3	285.1	369.8
Operating and maintenance.....	..do.....	5,262.0	2,299.8	922.2	281.2	195.3	218.4
Well workovers.....	..do.....	4,236.9	1,741.6	803.7	234.7	185.3	180.9
Other direct expenses.....	..do.....	698.9	382.3	118.5	46.5	10.0	27.4
Indirect operating expenditures	..do.....	326.2	176.0	136.3	27.8	21.8	43.6
Taxes (excluding income taxes)	..do.....	3,441.6	1,618.0				
General and administrative overhead.....	..do.....	2,100.1	1,036.4	371.5	161.3	68.1	107.8
Other indirect expenses.....	..do.....	905.9	379.6	83.3			
	..do.....	435.7	202.1				

See footnotes at end of table.

Table 4A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1977—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	1,934.9	40.7	50.5	2,026.1	42.6	34.3	2,103.0	248.7
From stripper well leases.....	..do.....	159.6	4.7	7.5	171.8	9.0	7.0	187.8	106.1
Lease condensate.....	..do.....	87.9	3.0	3.6	94.5	3.2	1.9	99.6	12.7
Natural gas.....	Bil. cu. ft.	12,128.3	554.6	567.4	13,250.3	351.8	183.2	13,785.3	1,614.5
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	26,003.8	936.6	954.9	27,895.3	853.5	511.0	29,259.8	4,339.1
Crude petroleum.....	..do.....	15,490.0	377.0	462.2	16,329.2	424.2	302.3	17,055.7	2,491.8
Lease condensate.....	..do.....	14,708.6	349.0	427.7	15,485.2	392.9	282.5	16,160.6	2,378.8
Natural gas.....	..do.....	781.4	28.0	34.5	844.0	31.3	19.9	895.1	113.1
Income from oil and gas royalties	..do.....	9,811.6	518.9	452.5	10,783.1	381.9	187.4	11,352.4	1,565.7
Other lease revenues from pro-	..do.....	627.7	40.7	40.3	679.7	38.1	17.7	735.5	249.4
ducing operations.....	..do.....	74.4							
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	18,695.6	806.8	845.7	20,348.1	987.6	617.9	21,953.6	3,661.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,434.4	299.6	286.4	6,020.4	425.6	219.9	6,665.9	1,177.4
Dry holes.....	..do.....	1,809.4	154.2	150.9	2,114.4	244.5	119.6	2,478.5	751.4
Oil wells.....	..do.....	1,014.6	74.3	79.4	1,168.2	110.2	61.7	1,340.1	302.1
Gas wells.....	..do.....	157.7	13.6	20.4	191.7	26.9	13.6	232.2	169.6
Work-in-progress adjustment..	..do.....	353.3	54.6	43.6	451.5	79.9	38.8	570.2	192.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	283.8	11.8	7.5	303.1	27.5	5.5	336.0	87.3
Land department leasing and scouting.....	..do.....	2,064.0	75.4	74.6	2,214.0	120.5	66.3	2,400.8	186.3
Geological and geophysical.....	..do.....	114.9	9.3	7.3	131.5	3.8	5.1	140.4	23.6
Lease rents.....	..do.....	734.4	20.8	13.0	768.3	20.7	8.1	797.0	59.1
Test hole contributions.....	..do.....	160.2	11.4	14.1	185.7	11.2	6.4	203.3	42.6
Other exploration expenditures, including direct overhead.....	..do.....	27.2	2.0	0.9	30.1	8.1	5.7	30.7	2.0
General and administrative overhead, not reported elsewhere.....	..do.....	229.5	19.9	14.5	263.9				
Development expenditures.....	..do.....	294.8	6.7	11.0	312.5	16.9	8.6	337.9	84.5
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,704.8	288.6	296.0	7,289.5	354.7	250.9	7,895.1	1,172.7
Dry holes.....	..do.....	3,964.1	211.5	207.7	4,383.3	265.6	185.7	4,834.5	828.7
Oil wells.....	..do.....	375.5	25.0	31.4	431.9	43.0	20.6	495.4	151.9
Gas wells.....	..do.....	1,697.2	66.9	81.2	1,845.4	75.2	85.8	2,006.4	331.1
Work-in-progress adjustment..	..do.....	1,434.9	102.0	93.5	1,630.4	123.1	68.0	1,821.5	302.9
Lease equipment <sup>3</sup> .....	..do.....	456.5	17.5	1.5	475.5	24.4	11.4	511.2	42.9
Lease and land acquisitions of producing acreage.....	..do.....	1,258.9	49.9	48.9	1,357.7	42.8	33.3	1,433.9	179.6
Fluid injection and improved recovery programs.....	..do.....	144.3	10.2	15.9	170.4	19.5	13.5	203.4	69.8
Other development expenditures, including direct overhead.....	..do.....	442.8	3.1	.7	446.7	4.3	3.3	454.3	7.1
General and administrative overhead not reported elsewhere.....	..do.....	608.3	7.1	11.5	626.9	9.4	9.7	645.9	26.3
Production expenditures.....	..do.....	286.4	6.8	11.4	304.6	13.1	5.4	323.1	61.1
Direct operating expenditures...	..do.....	6,556.4	218.5	263.2	7,038.1	207.3	147.2	7,392.6	1,311.0
Operating and maintenance...	..do.....	3,917.0	128.5	152.8	4,198.4	126.2	95.9	4,420.5	841.5
Well workovers.....	..do.....	3,146.2	96.0	129.6	3,371.9	107.0	71.1	3,550.0	686.9
Other direct expenses.....	..do.....	550.7	9.4	17.3	577.4	13.3	15.4	606.1	92.8
Indirect operating expenditures	..do.....	220.1	23.1	5.9	249.1	5.9	9.4	264.3	61.9
Taxes (excluding income taxes)	..do.....	2,639.4	90.0	110.4	2,839.8	81.1	51.3	2,972.2	469.4
General and administrative overhead.....	..do.....	1,745.0	50.8	46.7	1,842.6	39.4	25.9	1,907.8	192.3
Other indirect expenses.....	..do.....	604.5	39.1	63.7	653.4	25.7	20.0	699.1	206.8
	..do.....	289.9							

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 4B. Drilling and Asset Related Account Statistics Ranked by  
Total Lease Revenues: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
<b>Drilling statistics:</b>							
Exploration dry holes:							
Expenditures.....	Mil. dol....	1,642.2	511.6	198.8	115.5	74.1	114.6
Number of wells.....	Number.....	5,274	494	153	124	99	265
Total footage drilled.....	Thou. ft....	32,323	4,135	1,426	1,124	738	1,842
Exploration oil wells:							
Expenditures.....	Mil. dol....	401.8	74.6	22.8	26.1	19.1	14.9
Number of wells.....	Number.....	1,946	71	26	40	29	48
Total footage drilled.....	Thou. ft....	9,716	573	233	377	171	344
Exploration gas wells:							
Expenditures.....	Mil. dol....	762.6	92.4	43.9	69.7	24.4	122.9
Number of wells.....	Number.....	1,668	118	34	52	33	147
Total footage drilled.....	Thou. ft....	11,442	1,229	346	594	191	1,269
Development dry holes:							
Expenditures.....	Mil. dol....	647.3	183.1	87.4	26.5	17.6	60.9
Number of wells.....	Number.....	4,007	410	153	60	68	289
Total footage drilled.....	Thou. ft....	21,212	3,100	1,178	455	362	1,921
Development oil wells:							
Expenditures.....	Mil. dol....	2,337.4	890.3	276.9	322.6	122.6	84.9
Number of wells.....	Number.....	11,370	2,830	1,297	373	647	484
Total footage drilled.....	Thou. ft....	51,757	14,366	5,296	2,061	1,736	2,186
Development gas wells:							
Expenditures.....	Mil. dol....	2,124.4	645.3	327.3	139.8	91.5	231.1
Number of wells.....	Number.....	6,102	925	445	189	345	795
Total footage drilled.....	Thou. ft....	35,926	7,421	3,430	1,604	1,563	4,971
Expenditures for platforms, total.....	Mil. dol....	603.7	253.2	94.9	56.1	40.5	46.3
Drilling platforms <sup>1</sup> .....	..do.....	373.4	185.5	58.1	38.1	40.5	46.3
Production platforms <sup>2</sup> .....	..do.....	230.3	67.7	36.8	18.1		
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....	..do.....	81,758.8	37,209.8	14,251.2	5,362.3	2,752.2	5,703.9
Oil and gas field properties.....	..do.....	79,666.7	36,256.2	14,044.8	5,299.6	2,718.4	5,544.2
Buildings, other structures, and machinery.....	..do.....	2,092.1	953.5	206.4	62.7	33.7	159.7
Capitalized expenditures.....	..do.....	13,925.1	5,041.2	1,972.9	1,347.0	503.1	1,180.9
Oil and gas field properties.....	..do.....	13,514.3	4,885.5	1,936.1	1,341.1	494.0	1,164.8
Buildings, other structures, and machinery.....	..do.....	410.8	155.7	36.9	5.9	9.1	16.1
Retirement and dispositions.....	..do.....	3,326.5	1,429.5	572.7	187.8	198.7	288.6
Oil and gas properties.....	..do.....	3,247.5	1,410.8	559.0	186.3	191.4	284.0
Buildings, other structures, and machinery.....	..do.....	79.0	18.7	13.7	1.5	7.3	4.6
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	40,821.5	15,651.4	6,521.4	3,056.6	6,596.2
Oil and gas field properties.....	..do.....	89,933.7	39,731.0	15,421.8	6,454.4	3,021.1	6,425.0
Buildings, other structures, and machinery.....	..do.....	2,423.9	1,090.5	229.6	67.0	35.5	171.2
Depletion, depreciation and amortization of fixed assets:							
Cost during 1977.....	..do.....	5,512.2	2,308.0	914.1	349.5	219.0	409.6
Oil and gas field properties.....	..do.....	5,356.1	2,244.1	901.9	344.7	215.5	397.9
Buildings, other structures and machinery.....	..do.....	156.2	63.9	12.2	4.8	3.5	11.8
Accumulated cost, end of 1977.....	..do.....	40,139.8	19,549.5	7,839.3	2,189.5	912.1	2,272.2
Oil and gas field properties.....	..do.....	39,051.7	19,006.0	7,715.1	2,154.2	897.3	2,203.8
Buildings, other structures and machinery.....	..do.....	1,088.0	543.5	124.2	35.3	14.8	68.4

See footnotes at end of table



**Table 4B. Drilling and Asset Related Account Statistics Ranked by  
Total Lease Revenues: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	1,014.6	74.3	79.4	1,168.2	110.2	61.7	1,340.1	302.1
Number of wells.....	Number.....	1,135	143	382	1,659	338	288	2,285	2,990
Total footage drilled.....	Thou. ft....	9,265	1,084	2,759	13,108	2,729	1,839	17,676	14,647
Exploration oil wells:									
Expenditures.....	Mil. dol....	157.5	13.6	20.4	191.7	26.9	13.6	232.2	169.6
Number of wells.....	Number.....	214	26	85	325	135	62	522	1,425
Total footage drilled.....	Thou. ft....	1,698	173	638	2,509	807	394	3,710	6,006
Exploration gas wells:									
Expenditures.....	Mil. dol....	353.3	54.6	43.6	451.5	79.9	38.8	570.2	192.5
Number of wells.....	Number.....	383	48	140	571	142	81	793	875
Total footage drilled.....	Thou. ft....	3,629	398	828	4,855	1,084	640	6,579	4,863
Development dry holes:									
Expenditures.....	Mil. dol....	375.5	25.0	31.4	431.9	43.0	20.6	495.4	151.9
Number of wells.....	Number.....	981	79	239	1,299	197	126	1,621	2,386
Total footage drilled.....	Thou. ft....	7,016	584	1,619	9,219	1,548	705	11,472	9,740
Development oil wells:									
Expenditures.....	Mil. dol....	1,697.3	66.9	81.2	1,845.4	75.2	85.8	2,006.4	331.1
Number of wells.....	Number.....	5,631	225	673	6,529	349	315	7,194	4,176
Total footage drilled.....	Thou. ft....	25,645	1,129	3,593	30,367	2,409	1,741	34,517	17,240
Development gas wells:									
Expenditures.....	Mil. dol....	1,434.9	102.0	93.5	1,630.4	123.1	68.0	1,821.5	302.9
Number of wells.....	Number.....	2,699	183	390	3,272	305	263	3,840	2,262
Total footage drilled.....	Thou. ft....	18,989	1,057	2,088	22,134	2,545	1,320	25,999	9,927
Expenditures for platforms, total..	Mil. dol....	491.0	28.6	17.1	536.8	21.7	21.0	579.4	24.3
Drilling platforms <sup>1</sup> .....	..do.....	328.4	28.6	17.1	354.2	21.7	21.0	363.1	10.3
Production platforms <sup>2</sup> .....	..do.....	162.6			182.6			216.3	14.0
Gross book value of fixed assets									
(beginning of year) <sup>3</sup> .....	..do.....	65,279.3	2,690.9	2,884.9	70,855.0	2,350.2	1,276.7	74,481.9	7,276.9
Oil and gas field properties.....	..do.....	63,863.2	2,625.0	2,836.2	69,324.4	2,300.0	1,215.7	72,840.2	6,826.5
Buildings, other structures, and machinery.....	..do.....	1,416.1	65.9	48.7	1,530.6	50.1	61.0	1,641.7	450.4
Capitalized expenditures.....	..do.....	10,045.1	517.1	588.5	11,150.8	643.2	392.8	12,186.8	1,738.3
Oil and gas field properties.....	..do.....	9,821.5	507.3	579.8	10,908.6	593.3	363.3	11,865.2	1,649.1
Buildings, other structures, and machinery.....	..do.....	223.6	9.8	8.7	242.2	49.8	29.6	321.6	89.2
Retirement and dispositions.....	..do.....	2,677.3	57.3	95.3	2,829.9	113.0	69.1	3,012.0	314.5
Oil and gas properties.....	..do.....	2,631.5	53.5	93.7	2,778.7	111.1	65.0	2,954.8	292.7
Buildings, other structures, and machinery.....	..do.....	45.8	3.8	1.6	51.3	1.8	4.0	57.1	21.8
Gross book value of fixed assets									
(end of year).....	..do.....	72,647.1	3,150.7	3,378.1	79,175.9	2,880.4	1,600.5	83,656.7	8,700.8
Oil and gas field properties.....	..do.....	71,053.2	3,078.9	3,322.3	77,454.3	2,782.3	1,514.0	81,750.6	8,183.0
Buildings, other structures, and machinery.....	..do.....	1,593.9	71.8	55.8	1,721.5	98.1	86.5	1,906.1	517.8
Depletion, depreciation and amortization of fixed assets:									
Cost during 1977.....	..do.....	4,200.2	215.1	220.0	4,635.3	172.6	100.9	4,908.8	603.5
Oil and gas field properties..	..do.....	4,104.1	212.6	216.9	4,533.6	169.4	90.5	4,793.5	562.6
Buildings, other structures and machinery.....	..do.....	96.2	2.5	3.0	101.7	3.2	10.4	115.3	40.9
Accumulated cost, end of 1977....	..do.....	32,762.5	1,072.3	1,335.1	35,170.0	773.5	493.6	36,437.2	3,702.6
Oil and gas field properties..	..do.....	31,976.5	1,048.4	1,307.4	34,332.3	754.9	461.6	35,548.8	3,502.9
Buildings, other structures and machinery.....	..do.....	786.1	23.9	27.7	837.7	18.6	32.0	888.3	199.7

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>2</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>3</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 5. Detailed Statistics by Geographical Area and by Operator: 1977

(Net company interest basis)

Item	Unit of measure	United States total	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Non-owner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Sales volumes:								
Crude petroleum and condensate...	Mil. bbl....	2,351.7	103.8	44.0	1,930.5	273.4	1,596.5	755.2
From stripper well leases.....	..do.....	294.0	-	-	(D)	(D)	239.8	54.1
Lease condensate.....	..do.....	112.4	-	-	85.4	27.0	79.3	33.1
Natural gas.....	Bil. cu. ft.	15,399.8	146.8	-	11,758.9	3,494.0	11,152.6	4,247.2
Lease revenues.....	Mil. dol....	33,598.9	698.5	257.0	27,571.4	5,072.0	22,726.9	10,872.1
Crude petroleum and condensate...	..do.....	19,547.5	656.8	229.6	16,295.6	2,365.6	13,441.1	6,106.4
Crude petroleum.....	..do.....	18,539.4	656.8	229.6	15,542.7	2,110.3	12,721.6	5,817.7
Lease condensate.....	..do.....	1,008.2	-	-	752.8	255.4	719.5	288.7
Natural gas.....	..do.....	12,918.1	57.9	-	10,177.8	2,682.4	9,186.7	3,731.4
Income from oil and gas royalties	..do.....	984.8	-	0.2	967.5	17.2	-	984.8
Other lease revenues from producing operations.....	..do.....	148.5	10.4	.6	130.6	6.8	99.0	49.4
Expenditures (capitalized and expensed).....	..do.....	25,614.6	(X)	(X)	(X)	(X)	(X)	(X)
Exploration expenditures.....	..do.....	7,843.3	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,229.9	103.1	117.6	2,123.1	886.2	2,122.2	1,107.8
Dry holes.....	..do.....	1,642.2	72.4	88.3	954.3	527.2	1,087.0	555.2
Oil wells.....	..do.....	401.8	-	-	326.5	(D)	297.8	104.0
Gas wells.....	..do.....	762.6	30.7	29.3	604.1	158.5	490.5	272.1
Work-in-progress adjustment..	..do.....	423.3	-	-	238.3	(D)	246.9	176.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,587.1	12.4	397.3	999.4	1,178.1	(X)	(X)
Land department leasing and scouting.....	..do.....	164.1	3.7	.4	149.8	10.1	(X)	(X)
Geological and geophysical.....	..do.....	856.1	36.8	43.0	634.6	141.8	(X)	(X)
Lease rents.....	..do.....	245.8	2.2	1.9	219.2	22.3	(X)	(X)
Test hole contributions.....	..do.....	32.7	6.4	5.5	13.5	7.2	(X)	(X)
Other exploration expenditures, including direct overhead.....	..do.....	305.2	(X)	(X)	(X)	(X)	(X)	(X)
General and administrative overhead, not reported elsewhere.....	..do.....	422.4	(X)	(X)	(X)	(X)	(X)	(X)
Development expenditures.....	..do.....	9,067.7	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,663.3	118.4	22.9	3,829.5	1,692.4	3,881.5	1,781.8
Dry holes.....	..do.....	647.3	3.5	-	494.3	149.5	443.7	203.6
Oil wells.....	..do.....	2,337.4	363.8	-	1,529.3	444.4	1,521.2	816.2
Gas wells.....	..do.....	2,124.4	3.8	-	1,494.5	626.2	1,487.5	636.9
Work-in-progress adjustment..	..do.....	554.2	-229.7	-	311.5	472.4	429.2	125.1
Lease equipment <sup>3</sup> .....	..do.....	1,613.5	212.0	8.9	883.9	508.7	-	-
Lease and land acquisitions of producing acreage.....	..do.....	273.1	-	-	264.8	8.4	1,984.6	1,035.6
Fluid injection and improved recovery programs.....	..do.....	461.4	14.9	-	416.1	30.5	-	-
Other development expenditures, including direct overhead.....	..do.....	672.3	(X)	(X)	(X)	(X)	(X)	(X)
General and administrative overhead not reported elsewhere.....	..do.....	384.2	(X)	(X)	(X)	(X)	(X)	(X)
Production expenditures.....	..do.....	8,703.6	(X)	(X)	(X)	(X)	(X)	(X)
Direct operating expenditures..	..do.....	5,262.0	69.8	73.8	4,482.9	635.5	3,889.5	1,372.5
Operating and maintenance....	..do.....	4,236.9	60.9	58.3	3,648.6	469.1	(X)	(X)
Well workovers.....	..do.....	698.9	0.7	5.4	562.3	130.5	(X)	(X)
Other direct expenses.....	..do.....	326.2	8.2	10.1	272.0	35.9	(X)	(X)
Indirect operating expenditures	..do.....	3,441.6	(X)	(X)	(X)	(X)	(X)	(X)
Taxes (excluding income taxes)	..do.....	2,100.1	96.2	26.7	1,902.0	75.3	1,435.5	664.6
General and administrative overhead.....	..do.....	905.9	(X)	(X)	(X)	(X)	(X)	(X)
Other indirect expenses.....	..do.....	435.7	7.1	2.9	383.9	41.9	367.1	68.5

See footnotes at end of table.

Table 5. Detailed Statistics by Geographical Area and by Operator: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Non-owner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Drilling statistics:								
Exploration dry holes:								
Expenditures.....	Mil. dol....	1,642.2	72.4	88.3	954.3	527.2	1,087.0	555.2
Number of wells.....	Number.....	5,274	10	7	4,955	303	(X)	(X)
Total footage drilled.....	Thou. ft....	32,323	122	93	29,250	2,858	(X)	(X)
Exploration oil wells:								
Expenditures.....	Mil. dol....	401.8	(D)	(D)	326.5	(D)	297.8	104.0
Number of wells.....	Number.....	1,946	(D)	(D)	1,920	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	9,716	(D)	(D)	9,476	(D)	(X)	(X)
Exploration gas wells:								
Expenditures.....	Mil. dol....	762.6	-	-	604.1	158.5	490.5	272.1
Number of wells.....	Number.....	1,668	-	-	1,552	117	(X)	(X)
Total footage drilled.....	Thou. ft....	11,442	-	-	10,469	973	(X)	(X)
Development dry holes:								
Expenditures.....	Mil. dol....	647.3	3.5		494.3	149.5	443.7	203.6
Number of wells.....	Number.....	4,007	1		3,863	143	(X)	(X)
Total footage drilled.....	Thou. ft....	21,212	14		19,945	1,253	(X)	(X)
Development oil wells:								
Expenditures.....	Mil. dol....	2,337.4	363.8		1,529.3	444.4	1,521.2	816.2
Number of wells.....	Number.....	11,370	68		11,024	278	(X)	(X)
Total footage drilled.....	Thou. ft....	51,757	754		48,777	2,226	(X)	(X)
Development gas wells:								
Expenditures.....	Mil. dol....	2,124.4	3.8		1,494.5	626.2	1,487.5	636.9
Number of wells.....	Number.....	6,102	2		5,628	472	(X)	(X)
Total footage drilled.....	Thou. ft....	35,926	14		32,252	3,660	(X)	(X)
Expenditures for platforms, total..	Mil. dol....	603.7	-	(D)	42.7	(D)	(X)	(X)
Drilling platforms <sup>2</sup> .....	..do.....	373.4	-	(D)	19.5	(D)	(X)	(X)
Production platforms <sup>3</sup> .....	..do.....	230.3	-	-	23.3	207.0	(X)	(X)
Gross book value of fixed assests (end of year) <sup>4</sup> .....								
Oil and gas field properties.....	Mil. dol....	92,357.5	4,406.7	1,659.8	58,135.6	28,155.2	(X)	(X)
Building, other structures, and machinery.....	..do.....	89,933.7	4,292.3	1,654.4	56,161.3	27,825.6	(X)	(X)
	..do.....	2,423.9	114.4	5.4	1,974.3	329.7	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 6. Detailed Statistics for Offshore Ranked by Total Lease Revenues: 1977

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
Sales volumes:							
Crude petroleum and condensate....	Mil. bbl....	317.4	182.6	82.6	37.5	12.2	2.5
From stripper well leases.....	....do.....	(D)	(D)	(D)	-	(D)	0.1
Lease condensate.....	....do.....	27.0	14.8	5.6	3.7	2.4	.5
Natural gas.....	Bil. cu. ft.	(D)	1,874.3	899.8	408.8	307.2	(D)
Lease revenues.....							
Crude petroleum and condensate....	Mil. dol....	5,329.0	2,887.1	1,231.9	738.6	398.3	73.1
Crude petroleum.....	....do.....	2,595.2	1,543.9	579.6	335.5	116.1	20.1
Lease condensate.....	....do.....	2,339.8	1,401.7	529.1	300.2	93.5	15.3
Natural gas.....	....do.....	255.4	142.2	50.5	35.3	22.6	4.8
Income received from oil and gas royalties.....	....do.....	(D)	1,333.4	647.2	400.0	279.3	(D)
Other lease revenues from producing operations.....	....do.....	17.3	6.6	5.1	3.0	2.9	3.9
	....do.....	7.5	3.2				.1
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	....do.....	1,003.7	479.1	139.0	189.9	168.3	27.4
Dry holes.....	....do.....	615.5	301.6	95.7	112.4	87.7	18.1
Oil wells.....	....do.....	35.8	34.0	12.8	11.3	4.9	8.1
Gas wells.....	....do.....	158.5		15.6	55.0	52.6	
Work-in-progress adjustment.....	....do.....	193.9	143.5	14.8	11.2	23.1	1.3
Lease and land acquisitions of nonproducing acreage.....	....do.....	1,575.4	733.9	441.6	264.0	114.3	21.6
Land department, leasing and scouting.....	....do.....	10.5	1.4	3.0	4.7	1.1	.3
Geological and geophysical.....	....do.....	184.7	94.3	40.3	39.8	9.5	.8
Lease rents.....	....do.....	24.2	13.2	3.8	4.3	2.2	.7
Test hole contributions.....	....do.....	12.7	6.7	3.8	(D)	(D)	(D)
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	....do.....	1,715.3	868.3	335.7	279.9	204.4	27.0
Dry holes.....	....do.....	1,715.3	61.8	35.2	34.2	17.3	27.0
Oil wells.....	....do.....		238.0	71.1	78.0	72.4	
Gas wells.....	....do.....		290.0	118.1	129.4	75.6	
Work-in-progress adjustment.....	....do.....		278.5	111.3	38.4	39.1	
Lease equipment.....	....do.....	517.6	297.7	59.8	87.3	59.8	13.0
Lease and land acquisitions of producing acreage.....	....do.....	8.4	(D)	-	(D)	(D)	6.2
Fluid injection and improved recovery programs.....	....do.....	(D)	29.3	5.6	(D)	(D)	.1
Production expenditures:							
Direct operating expenditures.....	....do.....	709.3	388.4	169.8	93.7	45.3	12.1
Operating and maintenance.....	....do.....	527.4	265.8	133.9	80.7	36.4	10.6
Well workovers.....	....do.....	135.9	87.1	35.9	11.6	9.0	.8
Other direct expenses.....	....do.....	46.0	35.6		1.4		.5
Indirect operating expenditures:							
Taxes (excluding income taxes).....	....do.....	102.0	60.3	27.3	6.6	3.0	4.8
Other indirect expenses.....	....do.....	44.7	23.5	16.5	(D)	(D)	.1

See footnotes at end of table.

Table 6. Detailed Statistics for Offshore Ranked by Total Lease Revenues: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol...	615.5	301.6	95.7	112.4	87.7	18.1
Number of wells.....	Number.....	310	109	43	66	73	19
Total footage drilled.....	Thou. ft...	2,951	1,197	404	625	591	134
Exploration oil wells:							
Expenditures.....	Mil. dol...	35.8	(D)	12.8	11.3	4.9	(D)
Number of wells.....	Number.....	23	(D)	6	10	4	(D)
Total footage drilled.....	Thou. ft...	206	(D)	52	76	35	(D)
Exploration gas wells:							
Expenditures.....	Mil. dol...	158.5	(D)	15.6	55.0	52.6	(D)
Number of wells.....	Number.....	117	(D)	6	39	41	(D)
Total footage drilled.....	Thou. ft...	973	(D)	58	359	287	(D)
Development dry holes:							
Expenditures.....	Mil. dol...	(D)	61.8	35.2	34.2	17.3	(D)
Number of wells.....	Number.....	(D)	58	21	35	25	(D)
Total footage drilled.....	Thou. ft...	(D)	540	219	301	157	(D)
Development oil wells:							
Expenditures.....	Mil. dol...	(D)	238.0	71.1	78.0	72.4	(D)
Number of wells.....	Number.....	(D)	135	36	36	71	(D)
Total footage drilled.....	Thou. ft...	(D)	1,221	290	381	358	(D)
Development gas wells:							
Expenditures.....	Mil. dol...	(D)	290.0	118.1	129.4	75.6	(D)
Number of wells.....	Number.....	(D)	151	72	100	126	(D)
Total footage drilled.....	Thou. ft...	(D)	1,481	655	922	515	(D)
Expenditures for platforms, total...	Mil. dol...	561.0	251.2	94.0	124.8	75.0	16.0
Drilling platforms <sup>2</sup> .....	....do....	354.0	185.5	57.7	74.7	33.4	2.7
Production platforms <sup>3</sup> .....	....do....	207.0	65.7	36.3	50.0	41.6	13.4
Gross book value of fixed assets							
(end of year) <sup>4</sup> .....	....do....	29,815.1	15,931.1	5,784.5	4,405.7	3,250.7	443.1
Oil and gas field properties.....	....do....	29,479.9	15,671.9	5,750.1	4,387.3	3,231.0	439.6
Buildings, other structures, and machinery.....	....do....	335.1	259.2	34.4	18.3	19.7	3.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 7. Detailed Statistics Grouped by Crude Petroleum and Condensate Unit Values:  
1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per barrel							
			0.00 to 6.24	6.25 to 6.74	6.75 to 7.24	7.25 to 7.74	7.75 to 8.24	8.25 to 8.74	8.75 to 9.24	9.25 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,351.7	80.8	13.3	99.3	415.5	1,053.0	290.8	79.2	319.9
From stripper well leases.....	..do.....	294.0	5.0		9.5	46.4	75.2	21.3	7.5	129.1
Lease condensate.....	..do.....	112.4	2.6		7.3	16.3	46.1	13.9	6.3	20.0
Natural gas.....	Bil. cu. ft.	15,399.8	232.9	83.9	669.5	1,973.5	6,821.0	2,065.0	694.3	2,859.7
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	33,598.9	714.1	203.3	1,282.2	4,836.2	14,340.7	4,092.9	1,431.4	6,698.2
Crude petroleum and condensate...	..do.....	19,547.5	484.4	85.6	691.1	3,117.7	8,485.0	2,449.1	716.9	3,517.8
Crude petroleum.....	..do.....	18,539.4	475.8	74.6	632.8	2,984.7	8,078.4	2,324.7	655.8	3,313.5
Lease condensate.....	..do.....	1,008.2	29.6		58.3	132.9	406.6	124.3	61.1	204.4
Natural gas.....	..do.....	12,918.1	191.4	117.2	496.4	1,576.4	5,581.1	1,497.1	591.6	2,866.9
Income from oil and gas royalties	..do.....	984.8	30.7	0.5	81.0	131.8	244.3	132.0	117.9	246.6
Other lease revenues from producing operations.....	..do.....	148.5	7.6	-	13.6	10.3	30.2	14.8	5.0	66.9
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	..do.....	25,614.6	689.3	129.2	1,035.3	3,763.6	9,838.4	2,953.6	1,012.5	6,192.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	78.4	42.9	428.0	1,119.9	2,723.4	968.8	355.9	2,126.1
Dry holes.....	..do.....	3,229.9	41.1	27.3	211.9	356.3	913.3	366.4	142.8	1,170.8
Oil wells.....	..do.....	1,642.2	21.6	5.0	122.2	191.5	524.1	187.9	69.8	520.2
Gas wells.....	..do.....	401.8	15.5		5.6	34.3	83.7	40.0	41.0	183.5
Work-in-progress adjustment.....	..do.....	762.6	21.3		57.8	80.3	118.8	101.1	28.8	354.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	7.0		26.2	50.3	186.7	37.4	3.2	112.4
Land department leasing and scouting.....	..do.....	2,587.1	23.3		130.8	489.1	988.1	280.4	144.1	531.2
Geological and geophysical.....	..do.....	164.1	5.7		12.7	27.1	52.4	21.9	4.4	39.7
Lease rents.....	..do.....	856.1	5.9		22.6	130.0	425.5	111.6	15.6	144.9
Test hole contributions.....	..do.....	245.8	3.6	.6	12.4	31.7	66.0	42.7	13.9	75.9
Other exploration expenditures, including direct overhead.....	..do.....	32.7				5.5	16.0	6.0	1.1	3.0
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	6.7		15.1	34.0	94.1	69.1	20.1	66.1
Development expenditures.....	..do.....	422.4	7.0		22.4	46.0	168.0	70.7	13.9	94.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,067.7	403.1		288.9	1,224.6	3,440.9	1,009.0	330.0	2,371.1
Dry holes.....	..do.....	5,663.3	138.3		207.0	694.6	1,994.1	687.6	242.3	1,699.4
Oil wells.....	..do.....	647.3	7.7		27.2	75.8	177.1	67.0	36.2	256.3
Gas wells.....	..do.....	2,337.4	241.3		47.4	247.9	830.1	245.5	107.4	617.8
Work-in-progress adjustment.....	..do.....	2,124.4	36.3		93.4	273.6	691.8	243.2	80.7	705.3
Lease equipment.....	..do.....	554.2	-147.0		39.0	97.3	295.1	131.8	18.0	120.0
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	44.9		37.4	220.6	702.5	207.5	66.2	334.3
Fluid injection and improved recovery programs.....	..do.....	273.1	0.5	-	1.4	78.9	44.5	17.9	7.2	122.8
Other development expenditures, including direct overhead.....	..do.....	461.4	10.0			103.9	258.1	38.4	2.3	48.8
General and administrative overhead not reported elsewhere.....	..do.....	672.3	230.1			84.4	236.4	48.0	4.3	69.0
Production expenditures.....	..do.....	384.2	7.6	-	14.8	42.2	205.4	9.7	7.6	96.8
Direct operating expenditures.....	..do.....	8,703.6	223.5	70.6	318.4	1,419.1	3,674.2	975.8	326.6	1,695.6
Operating and maintenance.....	..do.....	5,262.0	110.3	37.4	200.8	919.4	2,155.5	553.1	204.4	1,081.2
Well workovers.....	..do.....	4,236.9	96.5	34.3	165.2	752.6	1,686.5	456.0	147.9	898.1
Other direct expenses.....	..do.....	698.9	13.7	3.1	27.0	101.5	326.7	86.5	56.5	118.8
Indirect operating expenditures	..do.....	326.2			8.6	65.3	142.3	10.6		64.3
Taxes (excluding income taxes)	..do.....	3,441.6	113.2	33.2	117.6	499.7	1,518.7	422.7	122.1	614.4
General and administrative overhead.....	..do.....	2,100.1	70.9	14.4	84.8	347.1	944.0	262.5	64.7	311.7
Other indirect expenses.....	..do.....	905.9	42.3	18.8	31.6	99.6	574.7	160.2	57.4	202.1
	..do.....	435.7			1.2	53.0				100.6

See footnotes at end of table.

**Table 7. Detailed Statistics Grouped by Crude Petroleum and Condensate Unit Values:  
1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per barrel							
			0.00 to 6.24	6.25 to 6.74	6.75 to 7.24	7.25 to 7.74	7.75 to 8.24	8.25 to 8.74	8.75 to 9.24	9.25 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,642.2	26.6		122.2	191.5	524.1	187.9	69.8	520.2
Number of wells.....	Number.....	5,274	161		657	410	542	433	280	2,791
Total footage drilled.....	Thou. ft....	32,323	873		2,946	2,855	4,371	3,195	1,824	16,259
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	13.5		5.6	34.3	83.7	40.0	41.0	183.5
Number of wells.....	Number.....	1,946	104		86	126	120	112	177	1,221
Total footage drilled.....	Thou. ft....	9,716	478		354	612	865	776	952	5,679
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	21.1		57.8	80.3	118.8	101.1	28.8	354.6
Number of wells.....	Number.....	1,668	145		151	98	200	127	89	860
Total footage drilled.....	Thou. ft....	11,442	854		825	854	1,504	1,166	512	5,727
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	7.7		27.2	75.8	177.1	67.0	36.2	256.3
Number of wells.....	Number.....	4,007	58		65	238	464	219	310	2,653
Total footage drilled.....	Thou. ft....	21,212	287		497	1,405	3,242	1,435	1,355	12,991
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	241.3		47.4	247.9	830.1	245.5	107.4	617.8
Number of wells.....	Number.....	11,370	109		336	1,191	2,738	922	783	5,292
Total footage drilled.....	Thou. ft....	51,757	625		2,122	4,639	13,482	5,268	2,743	22,878
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	36.3		93.4	273.6	691.8	243.2	80.7	705.3
Number of wells.....	Number.....	6,102	212		231	543	1,189	702	220	3,005
Total footage drilled.....	Thou. ft....	35,926	962		1,649	3,573	8,709	4,221	1,603	15,209
Expenditures for platforms, total..	Mil. dol....	603.7	12.0		(D)	107.3	260.4	38.0		158.8
Drilling platforms <sup>2</sup> .....	..do.....	373.4	7.1		(D)	43.9	184.3	25.4		86.0
Production platforms <sup>3</sup> .....	..do.....	230.3	4.9		(D)	63.4	71.2	12.7	24.3	72.8
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	81,758.8	2,319.7	205.9	3,811.4	13,039.4	34,010.2	9,947.8	3,358.5	15,066.0
Oil and gas field properties.....	..do.....	79,666.7	2,236.7	199.6	3,767.4	12,753.5	33,038.6	9,757.0	3,271.3	14,642.7
Buildings, other structures, and machinery.....	..do.....	2,092.1	83.0	6.3	44.0	285.9	971.6	190.9	87.2	423.3
Capitalized expenditures.....	..do.....	13,925.1	580.8	31.1	598.0	1,910.4	4,814.9	1,480.9	585.2	3,923.8
Oil and gas field properties.....	..do.....	13,514.3	557.3	30.7	589.2	1,874.2	4,663.9	1,448.7	554.3	3,796.0
Buildings, other structures, and machinery.....	..do.....	410.8			8.8	36.2	151.0	32.2	30.9	127.8
Retirement and dispositions.....	..do.....	3,326.5	49.5		218.1	538.2	1,329.2	370.9	89.0	731.6
Oil and gas properties.....	..do.....	3,247.5				519.3	1,313.9	352.0	82.4	714.1
Buildings, other structures, and machinery.....	..do.....	79.0	40.1	9.5	218.1	18.9	15.3	18.9	6.6	17.4
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	2,860.5	227.4	4,191.3	14,411.5	37,445.9	11,057.8	3,854.7	18,258.4
Oil and gas field properties.....	..do.....	89,933.7	2,754.5	220.8	4,139.8	14,108.3	36,388.6	10,853.7	3,743.2	17,724.7
Buildings, other structures, and machinery.....	..do.....	2,423.9	105.9	6.6	51.5	303.2	1,107.3	204.2	111.5	533.7
Depletion, depreciation and amortization of fixed assets:										
Cost during 1977.....	..do.....	5,512.2	106.2	13.7	276.9	806.1	2,223.6	681.1	221.5	1,183.2
Oil and gas field properties.....	..do.....	5,356.1			272.6	790.6	2,160.1	662.7	215.4	1,143.9
Buildings, other structures and machinery.....	..do.....	156.2	106.1	13.7	4.3	15.4	63.5	18.4	6.1	39.4
Accumulated cost, end of 1977....	..do.....	40,139.8	610.8	93.7	2,295.7	7,119.2	17,800.7	4,982.9	1,367.6	5,869.2
Oil and gas field properties.....	..do.....	39,051.7	572.5	90.4	2,274.5	6,948.5	17,261.1	4,909.6	1,331.9	5,663.2
Buildings, other structures and machinery.....	..do.....	1,088.0	38.4	3.3	21.3	170.6	539.5	73.2	35.7	206.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 8. Detailed Statistics Grouped by Natural Gas Unit Values: 1977

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per 1,000 cu. ft.							
			.000 to .399	.400 to .599	.600 to .799	.800 to .999	1,000 to 1,199	1,200 to 1,399	1,400 to 1,599	1,600 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,351.7	65.6	75.9	1,060.2	889.7	113.8	47.6	33.1	65.8
From stripper well leases.....	..do.....	294.0	46.7	23.3	113.1	71.9	9.0	8.3	8.7	13.0
Lease condensate.....	..do.....	112.4	1.0	2.6	44.0	47.3	4.6	3.9	3.7	5.4
Natural gas.....	Bil. cu. ft.	15,399.8	219.5	796.0	6,465.3	6,216.3	544.6	328.0	335.4	494.6
Lease revenues.....	Mil. dol....	33,598.9	856.4	1,144.8	13,272.9	13,423.5	1,538.0	899.6	861.8	1,601.8
Crude petroleum and condensate...	..do.....	19,547.5	715.2	708.2	8,513.2	7,336.0	895.2	432.6	321.1	626.0
Crude petroleum.....	..do.....	18,539.4	707.5	685.6	8,124.9	6,918.4	851.6	394.6	287.9	568.9
Lease condensate.....	..do.....	1,008.2	7.8	22.5	388.3	417.6	43.6	38.1	33.2	57.1
Natural gas.....	..do.....	12,918.1	66.0	397.7	4,405.6	5,620.8	593.5	414.8	492.6	927.1
Income from oil and gas royalties	..do.....	984.8	68.8	39.0	310.0	408.9	49.2	48.0	41.2	41.9
Other lease revenues from pro-	..do.....									
ducing operations.....	..do.....	148.5	6.4		44.1	57.8		4.1	6.9	6.9
Expenditures (capitalized and expensed).....	..do.....	25,614.6	566.0	944.6	10,073.7	9,019.3	1,387.5	918.3	1,174.8	1,530.5
Exploration expenditures.....	..do.....	7,843.3	131.2	266.0	2,958.9	2,688.7	377.4	315.0	474.3	631.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,229.9	84.9	152.0	922.5	1,036.0	236.7	163.3	255.6	378.9
Dry holes.....	..do.....	1,642.2	34.8	77.1	531.1	551.5	106.1	70.8	119.5	151.3
Oil wells.....	..do.....	401.8	31.2	37.4	71.3	116.4	50.5	21.6	16.5	57.0
Gas wells.....	..do.....	762.6	7.9	29.3	206.8	182.4	60.2	49.2	94.2	132.6
Work-in-progress adjustment..	..do.....	423.3	11.0	8.2	113.4	185.7	19.9	21.6	25.5	38.0
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,587.1	17.2	43.2	1,255.5	839.0	70.9	91.5	153.2	116.6
Land department leasing and scouting.....	..do.....	164.1	2.2	10.7	66.2	52.4	6.6	5.8	4.1	16.0
Geological and geophysical.....	..do.....	856.1	4.4	18.9	349.4	380.5	23.6	7.9	20.3	51.0
Lease rents.....	..do.....	245.8	5.5	15.6	93.2	73.9	13.5	8.9	18.6	16.5
Test hole contributions.....	..do.....	32.7	0.2	0.7	15.6	13.2	1.9	(2)	0.4	0.7
Other exploration expenditures, including direct overhead.....	..do.....	305.2	6.7	12.3	134.4	97.0	7.9	18.1	8.5	20.3
General and administrative overhead, not reported elsewhere.....	..do.....	422.4	9.9	12.6	122.2	196.7	16.3	19.4	13.5	31.8
Development expenditures.....	..do.....	9,067.7	129.6	323.8	3,336.1	3,193.0	660.5	387.3	464.6	572.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,663.3	80.7	222.6	2,108.3	1,910.9	344.1	259.2	355.2	382.2
Dry holes.....	..do.....	647.3	9.2	31.4	208.1	182.4	38.8	33.8	59.2	84.4
Oil wells.....	..do.....	2,337.4	37.4	101.3	805.2	743.2	325.1	123.8	66.7	134.8
Gas wells.....	..do.....	2,124.4	19.1	75.3	716.2	761.1	129.5	89.5	185.9	147.7
Work-in-progress adjustment..	..do.....	554.2	15.1	14.5	378.7	224.2	-149.3	12.1	43.5	15.4
Lease equipment <sup>3</sup> .....	..do.....	1,613.5	28.2	41.3	562.1	710.6	(D)	47.7	61.8	161.3
Lease and land acquisitions of producing acreage.....	..do.....	273.1	15.4	43.8	31.1	62.4	10.0	52.5	19.5	
Fluid injection and improved recovery programs.....	..do.....	461.4			264.0	177.4	2.8	2.5	3.4	3.1
Other development expenditures, including direct overhead.....	..do.....	672.3			282.2	126.0	(D)	13.1	5.0	6.5
General and administrative overhead not reported elsewhere.....	..do.....	384.1	5.4	16.1	88.4	205.7	16.9	12.3	19.7	19.6
Production expenditures.....	..do.....	8,703.6	305.2	354.7	3,778.7	3,137.6	349.6	216.0	235.8	325.9
Direct operating expenditures.....	..do.....	5,262.0	213.0	227.5	2,362.6	1,798.8	198.8	137.7	123.4	200.2
Operating and maintenance.....	..do.....	4,236.9	177.3	197.6	1,921.6	1,420.7	171.5	117.2	98.0	132.9
Well workovers.....	..do.....	698.9	27.3	22.5	351.5	220.1	17.7	14.0	15.2	30.5
Other direct expenses.....	..do.....	326.2	8.3	7.3	89.4	158.0	9.6	6.5	10.1	36.9
Indirect operating expenditures	..do.....	3,441.6	92.3	127.2	1,416.1	1,338.8	150.8	78.3	112.5	125.7
Taxes (excluding income taxes)	..do.....	2,100.1	32.6	63.8	918.9	810.8	101.0	44.2	43.9	85.1
General and administrative overhead.....	..do.....	905.9	39.4	59.4	373.9	308.6	38.1	32.6	68.6	40.6
Other indirect expenses.....	..do.....	435.7	20.3	4.0	123.3	219.4	11.8	1.5		

See footnotes at end of table.



Table 8. Detailed Statistics Grouped by Natural Gas Unit Values: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per 1,000 cu. ft.							
			.000 to .399	.400 to .599	.600 to .799	.800 to .999	1.000 to 1.199	1.200 to 1.399	1.400 to 1.599	1.600 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,642.2	34.8	77.1	531.1	551.5	106.1	70.8	119.5	151.3
Number of wells.....	Number.....	5,274	656	561	1,202	937	557	432	320	611
Total footage drilled.....	Thou. ft....	32,323	2,239	3,432	6,766	6,894	3,028	3,088	2,145	4,731
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	31.2	37.4	71.3	116.4	50.5	21.6	16.5	57.0
Number of wells.....	Number.....	1,946	462	213	328	263	254	117	60	250
Total footage drilled.....	Thou. ft....	9,716	1,608	1,015	1,712	1,747	1,245	677	357	1,355
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	7.9	29.3	206.8	182.4	60.2	49.2	94.2	132.6
Number of wells.....	Number.....	1,668	67	152	438	356	153	92	143	266
Total footage drilled.....	Thou. ft....	11,442	225	851	2,955	2,531	803	673	1,083	2,321
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	9.2	31.4	208.1	182.4	38.8	33.8	59.2	84.4
Number of wells.....	Number.....	4,007	175	592	905	715	320	227	326	748
Total footage drilled.....	Thou. ft....	21,212	697	2,253	4,513	4,132	1,346	1,478	1,744	5,049
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	37.4	101.3	805.2	743.2	325.1	123.8	66.7	134.8
Number of wells.....	Number.....	11,370	590	1,175	3,930	2,600	756	645	716	958
Total footage drilled.....	Thou. ft....	51,757	2,056	5,103	17,521	12,263	3,245	3,494	2,767	5,308
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	19.1	75.3	716.2	761.1	129.5	89.5	185.9	147.7
Number of wells.....	Number.....	6,102	107	662	1,436	1,520	694	355	510	819
Total footage drilled.....	Thou. ft....	35,926	326	3,034	9,292	10,881	2,673	2,024	3,478	4,218
Expenditures for platforms, total..	Mil. dol....	603.7	(D)	16.7	205.8	292.1	4.6	(D)	31.5	26.9
Drilling platforms <sup>2</sup> .....	..do.....	373.4	(D)	0.2	143.9	191.4	0.2	(D)	2.7	26.9
Production platforms <sup>3</sup> .....	..do.....	230.3	(D)	16.5	61.9	100.6	4.4	(D)	28.8	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	81,758.8	1,880.2	2,592.6	35,574.9	30,532.8	4,217.9	2,192.8	2,777.8	1,989.8
Oil and gas field properties.....	..do.....	79,666.7	1,795.2	2,515.5	34,538.2	29,965.6	4,036.7	2,142.5	2,737.1	1,935.9
Building, other structures, and machinery.....	..do.....	2,092.1	84.9	77.1	1,036.7	567.2	181.2	50.3	40.8	53.9
Capitalized expenditures.....	..do.....	13,925.1	161.2	414.6	5,486.4	4,354.4	1,032.2	607.1	875.7	993.4
Oil and gas field properties.....	..do.....	13,514.3	156.1	401.8	5,284.9	4,261.7	996.4	586.9	855.6	971.1
Buildings, other structures, and machinery.....	..do.....	410.8	5.1	12.8	201.6	92.8	35.8	20.2	20.1	22.3
Retirement and dispositions.....	..do.....	3,326.5	25.5	86.2	1,646.2	1,083.7	92.5	97.6	119.1	175.8
Oil and gas properties.....	..do.....	3,247.5	23.2	84.1	1,620.0	1,063.4	74.3	94.2	117.8	170.6
Buildings, other structures, and machinery.....	..do.....	79.0	2.3	2.1	26.2	20.3	18.3	3.4	1.3	5.1
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	2,015.9	2,921.1	39,415.2	33,803.6	5,157.6	2,702.4	3,534.5	2,807.4
Oil and gas field properties.....	..do.....	89,933.7	1,928.2	2,833.3	38,203.0	33,163.9	4,958.8	2,635.3	3,474.9	2,736.3
Buildings, other structures, and machinery.....	..do.....	2,423.9	87.7	87.8	1,212.1	639.7	198.8	67.1	59.6	71.1
Depletion, depreciation and amortization of fixed assets:										
Cost during 1977.....	..do.....	5,512.2	114.6	196.4	2,241.6	2,024.8	276.0	198.5	226.4	234.0
Oil and gas field properties...	..do.....	5,356.1	111.2	187.5	2,178.1	1,977.8	265.1	191.3	220.9	224.3
Buildings, other structures and machinery.....	..do.....	156.2	3.5	8.9	63.5	47.1	11.0	7.1	5.5	9.7
Accumulated cost, end of 1977...	..do.....	40,139.8	992.3	1,330.5	19,223.6	15,010.3	1,342.2	713.2	754.1	773.6
Oil and gas field properties...	..do.....	39,051.7	945.2	1,288.6	18,631.1	14,739.9	1,282.9	686.0	738.6	739.4
Buildings, other structures and machinery.....	..do.....	1,088.0	47.0	41.9	592.6	270.4	59.2	27.2	15.5	34.2

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 9. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,351.7	1,988.4	554.8	932.3	501.3	266.1	139.8	126.3	97.2
From stripper well leases.....	..do.....	294.0	210.5	61.0	74.3	75.2	64.6	32.3	32.3	18.9
Lease condensate.....	..do.....	112.4	83.1	27.9	35.2	19.9	17.3	11.8	5.5	12.0
Natural gas.....	Bil. cu. ft.	15,399.8	11,526.9	3,445.8	5,115.4	2,965.8	2,792.4	1,845.5	946.9	1,080.5
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	33,598.9	26,334.4	7,153.5	11,922.0	7,258.9	5,247.8	3,062.7	2,185.1	2,016.8
Crude petroleum.....	..do.....	19,547.5	16,217.5	4,463.3	7,486.8	4,267.3	2,450.7	1,320.3	1,130.4	879.4
Lease condensate.....	..do.....	18,539.4	15,476.3	4,214.4	7,179.6	4,082.3	2,290.7	1,207.8	1,082.9	772.4
Natural gas.....	..do.....	1,008.2	741.2	248.9	307.3	185.0	160.1	112.5	47.6	107.0
Income from oil and gas royalties	..do.....	12,918.1	9,377.0	2,544.4	4,062.6	2,770.0	2,525.5	1,574.4	951.1	1,015.6
Other lease revenues from pro- ducing operations.....	..do.....	984.8	640.3	114.7	317.1	208.6	240.2	142.6	97.6	104.4
		148.5	99.6	31.0	55.6	13.0	31.4	25.3	6.1	17.5
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	25,614.6	19,374.7	6,825.5	8,441.8	4,107.4	4,652.2	3,271.5	1,380.7	1,587.7
Drilling and equipping wells <sup>2 3</sup>	..do.....	7,843.3	5,623.2	1,924.3	2,500.2	1,198.6	1,602.7	1,271.4	331.3	617.4
Dry holes.....	..do.....	3,229.9	2,085.6	702.2	896.4	486.9	830.5	637.7	192.7	313.9
Oil wells.....	..do.....	1,642.2	1,170.8	409.7	482.0	279.0	325.8	246.5	79.2	145.7
Gas wells.....	..do.....	401.8	234.9	58.1	56.5	120.3	134.6	103.7	30.9	32.3
Work-in-progress adjustment..	..do.....	762.6	396.6	155.4	147.6	93.6	260.5	181.3	79.2	105.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	283.4	79.0	210.4	-6.0	109.6	106.2	3.4	30.4
Land department leasing and scouting.....	..do.....	2,587.1	1,988.9	777.4	778.4	433.2	453.5	393.3	60.2	144.7
Geological and geophysical....	..do.....	164.1	113.6	42.2	41.1	30.4	32.4	19.2	13.2	18.0
Lease rents.....	..do.....	856.1	691.6	216.8	377.7	97.1	98.0	70.4	27.6	66.5
Test hole contributions.....	..do.....	245.8	166.2	51.9	83.5	30.7	60.5	47.0	13.6	19.1
Other exploration expenditures, including direct overhead....	..do.....	32.7	27.9	7.3	16.8	3.9	2.9	1.7	1.2	1.8
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	228.1	59.2	118.7	50.2	62.0	55.2	6.7	15.2
Development expenditures.....	..do.....	422.4	321.2	67.4	187.6	66.2	63.0	46.7	16.2	38.2
Drilling and equipping wells <sup>2 3</sup>	..do.....	9,067.7	6,866.5	2,612.6	2,933.3	1,320.6	1,663.2	1,222.4	440.8	538.0
Dry holes.....	..do.....	5,663.3	4,102.5	1,533.2	1,803.3	766.0	1,171.5	898.4	272.9	389.3
Oil wells.....	..do.....	647.3	435.2	158.1	174.9	102.1	174.3	126.6	47.8	37.8
Gas wells.....	..do.....	2,337.4	1,929.3	823.7	726.5	379.1	333.2	232.6	100.6	74.9
Work-in-progress adjustment..	..do.....	2,124.4	1,406.9	532.2	600.8	273.9	516.5	411.1	105.4	201.0
Lease equipment.....	..do.....	554.2	331.0	19.2	301.0	10.9	147.5	128.3	19.3	75.6
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	1,272.4	359.1	564.7	348.6	247.1	189.3	57.8	93.9
Fluid injection and improved recovery programs.....	..do.....	273.1	169.0	70.9	77.9	20.1	99.3	65.9	33.4	4.9
Other development expenditures, including direct overhead....	..do.....	461.4	428.8	177.9	171.9	79.0	22.0	6.4	15.7	10.6
General and administrative overhead, not reported elsewhere.....	..do.....	672.3	618.5	379.1	202.3	37.1	44.7	25.8	18.9	9.0
Production expenditures.....	..do.....	384.1	275.4	92.5	113.1	69.7	78.5	36.5	42.0	30.3
Direct operating expenditures..	..do.....	8,703.6	6,885.1	2,288.6	3,008.3	1,588.1	1,386.3	777.7	608.6	432.2
Operating and maintenance....	..do.....	5,262.0	4,166.4	1,419.4	1,886.7	860.2	831.6	456.4	375.2	264.0
Well workovers.....	..do.....	4,236.9	3,308.7	1,163.2	1,491.5	654.0	705.1	386.1	319.0	223.2
Other direct expenses.....	..do.....	698.9	564.2	214.1	227.7	122.4	104.1	55.1	49.0	30.6
Indirect operating expenditures	..do.....	326.2	293.5	42.1	167.6	83.8	22.5	15.2	7.3	10.3
Taxes (excluding income taxes)	..do.....	3,441.6	2,718.7	869.2	1,121.6	727.9	554.7	321.3	233.4	168.2
General and administrative overhead.....	..do.....	2,100.1	1,720.5	530.5	771.1	418.9	276.7	162.1	114.6	102.9
Other indirect expenses.....	..do.....	905.9	647.5	250.8	271.0	125.7	198.3	130.0	68.2	60.1
	..do.....	435.7	350.7	87.8	79.5	183.4	79.8	29.1	50.7	5.2

See footnotes at end of table.

**Table 9. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Gross book value of fixed assets (beginning of year).....	Mal. dol....	81,758.8	63,862.8	22,177.1	30,421.6	11,264.2	13,408.2	10,663.5	2,744.7	4,487.8
Oil and gas field properties <sup>5</sup> ....	..do.....	79,666.7	62,166.7	21,257.6	29,932.1	10,977.0	13,103.6	10,423.2	2,680.4	4,396.4
Nonproducing properties.....	..do.....	14,362.6	10,667.7	3,783.7	5,102.3	1,781.7	2,762.0	2,364.1	397.8	933.0
Leaseholds.....	..do.....	13,308.8	10,123.8	3,446.5	4,967.9	1,709.4	2,326.7	1,939.8	386.8	858.4
Other pre-development accounts.....	..do.....	1,053.8	543.9	337.2	134.4	72.3	435.3	424.2	11.0	74.6
Producing properties.....	..do.....	59,687.4	47,511.7	15,909.5	23,403.7	8,198.6	8,980.8	6,745.2	2,235.6	3,194.8
Leaseholds.....	..do.....	13,631.9	10,197.4	3,210.3	5,394.7	1,592.4	2,736.4	2,068.9	667.5	698.0
Intangible drilling and development accounts.....	..do.....	24,033.1	19,914.2	6,902.1	9,649.8	3,362.3	2,953.7	2,796.3	157.4	1,165.1
Lease and well equipment.....	..do.....	22,022.4	17,400.1	5,797.1	8,359.2	3,243.8	3,290.6	1,880.0	1,410.6	1,331.7
Work-in-progress.....	..do.....	4,661.2	3,978.2	1,563.3	1,426.2	988.7	494.3	456.6	37.5	188.7
Intangible drilling and development accounts.....	..do.....	1,613.0	1,201.1	395.2	519.9	286.1	289.6	271.7	17.8	122.2
Lease and well equipment.....	..do.....	3,048.2	2,777.0	1,168.1	906.3	702.7	204.7	184.9	19.7	66.5
Buildings, other structures, and machinery.....	..do.....	2,092.1	1,696.1	919.5	489.4	287.2	304.6	240.3	64.3	91.4
Capitalized expenditures.....	..do.....	13,925.1	10,139.2	4,355.5	4,026.8	1,757.0	3,021.1	2,577.0	444.2	764.8
Oil and gas field properties <sup>5</sup> ....	..do.....	13,514.3	9,848.7	4,193.7	3,940.0	1,714.9	2,913.1	2,480.5	432.6	752.6
Nonproducing properties.....	..do.....	3,036.6	2,176.2	890.8	863.5	421.9	650.6	564.1	86.4	209.8
Leaseholds.....	..do.....	2,709.9	2,024.1	792.2	815.5	416.3	534.2	457.5	76.7	151.6
Other pre-development accounts.....	..do.....	326.7	152.1	98.6	47.9	5.6	116.4	106.6	9.8	58.2
Producing properties.....	..do.....	6,107.8	4,426.7	2,168.4	1,816.2	442.1	1,281.9	1,101.4	180.5	399.2
Leaseholds.....	..do.....	617.5	405.8	203.6	160.2	42.0	192.9	156.6	36.3	18.8
Intangible drilling and development accounts.....	..do.....	2,979.1	2,128.4	1,118.9	893.8	115.7	640.5	619.2	21.2	210.3
Lease and well equipment.....	..do.....	2,511.1	1,892.5	845.9	762.2	284.4	448.6	325.6	122.9	170.1
Work-in-progress.....	..do.....	4,029.1	3,239.3	1,134.1	1,260.4	844.9	650.9	491.6	159.4	138.9
Intangible drilling and development accounts.....	..do.....	2,375.9	1,803.6	658.2	718.0	427.5	491.0	390.5	100.4	81.3
Lease and well equipment.....	..do.....	1,653.2	1,435.7	475.9	542.4	417.3	159.9	101.0	58.9	57.6
Buildings, other structures, and machinery.....	..do.....	410.8	290.5	161.7	86.8	42.1	108.1	96.5	11.6	12.2
Retirements and dispositions.....	..do.....	3,326.5	2,702.6	1,194.5	1,245.1	263.0	492.4	343.8	148.6	131.6
Oil and gas properties <sup>5</sup> .....	..do.....	3,247.5	2,638.7	1,164.9	1,223.9	249.9	480.3	333.7	146.6	128.5
Nonproducing properties.....	..do.....	1,253.2	1,084.3	371.2	648.3	64.9	134.0	102.3	31.6	34.8
Leaseholds.....	..do.....	1,201.2	1,044.9	356.2	632.0	56.8	126.7	95.6	31.0	29.6
Other pre-development accounts.....	..do.....	52.0	39.4	15.0	16.3	8.1	7.3	6.7	0.6	5.2
Producing properties.....	..do.....	1,064.4	838.2	324.1	357.6	156.5	187.6	127.3	60.2	38.6
Leaseholds.....	..do.....	100.1	73.9	40.8	20.6	12.5	21.4	16.4	4.8	4.7
Intangible drilling and development accounts.....	..do.....	474.5	380.3	144.5	184.9	50.8	80.0	66.8	13.3	14.2
Lease and well equipment.....	..do.....	489.7	384.0	138.8	152.1	93.2	86.1	43.9	42.2	19.6
Work-in-progress.....	..do.....	878.7	715.2	469.6	217.9	27.6	108.5	53.8	54.5	55.1
Intangible drilling and development accounts.....	..do.....	711.9	620.6	403.5	192.7	24.5	45.8	43.2	2.5	45.5
Lease and well equipment.....	..do.....	166.8	94.5	66.2	25.3	3.1	62.7	10.6	52.0	9.6
Buildings, other structures, and machinery.....	..do.....	79.0	63.8	29.6	21.2	13.0	12.1	10.1	2.0	3.1
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	71,299.5	25,338.0	33,203.2	12,758.2	15,937.0	12,896.8	3,040.2	5,121.0
Oil and gas field properties <sup>5</sup> ....	..do.....	89,933.7	69,376.7	24,286.4	32,648.3	12,442.0	15,536.5	12,570.1	2,966.4	5,020.5
Nonproducing properties.....	..do.....	15,110.3	10,878.0	4,167.3	4,707.7	2,003.0	3,197.4	2,770.9	426.4	1,035.0
Leaseholds.....	..do.....	13,809.4	10,224.8	3,736.0	4,553.2	1,935.5	2,648.1	2,241.7	406.5	936.5
Other pre-development accounts.....	..do.....	1,300.9	653.2	431.3	154.5	67.5	549.2	529.2	20.0	98.5
Producing properties.....	..do.....	69,681.8	55,609.1	19,231.0	26,582.8	9,795.3	10,427.2	7,957.9	2,469.3	3,645.5
Leaseholds.....	..do.....	15,179.9	11,424.7	3,513.8	6,138.9	1,772.0	3,010.4	2,299.2	711.1	744.8
Intangible drilling and development accounts.....	..do.....	27,828.2	22,767.8	8,196.7	10,767.0	3,804.1	3,667.5	3,451.4	216.1	1,392.9
Lease and well equipment.....	..do.....	26,673.7	21,416.6	7,520.4	9,676.9	4,219.2	3,749.4	2,207.3	1,542.1	1,507.8
Work-in-progress.....	..do.....	3,896.4	2,874.9	886.6	1,357.8	630.6	766.0	710.8	55.1	255.5
Intangible drilling and development accounts.....	..do.....	1,925.3	1,257.5	316.4	643.7	297.4	512.0	481.4	30.5	155.8
Lease and well equipment.....	..do.....	1,971.1	1,617.4	570.1	714.1	333.2	254.0	229.4	24.6	99.7
Buildings, other structures, and machinery.....	..do.....	2,423.9	1,922.8	1,051.7	554.9	316.2	400.5	326.6	73.9	100.5

See footnotes at end of table.

Table 9. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Depletion, depreciation and amortization of fixed assets:										
Cost during 1977.....	Mil. dol....	5,512.2	4,208.6	1,489.3	2,076.6	642.7	1,023.1	819.0	204.1	280.4
Oil and gas properties <sup>2</sup> .....	..do.....	5,356.1	4,087.3	1,426.7	2,035.5	625.1	994.5	798.3	196.2	274.2
Nonproducing properties.....	..do.....	1,118.2	973.9	323.3	487.6	163.0	120.4	62.7	57.7	23.9
Leaseholds.....	..do.....	1,061.6	931.7	316.3	454.1	161.3	108.3	52.0	56.3	21.5
Other pre-development accounts.....	..do.....	56.6	42.2	7.0	33.6	1.6	12.0	10.7	1.3	2.4
Producing properties.....	..do.....	3,832.8	2,945.9	1,063.1	1,426.2	456.5	670.7	536.4	134.2	216.2
Leaseholds.....	..do.....	731.3	496.6	180.4	243.6	72.6	193.0	161.1	31.9	41.6
Intangible drilling and development accounts.....	..do.....	1,526.6	1,219.4	459.9	609.2	150.4	257.1	236.0	21.2	50.1
Lease and well equipment...	..do.....	1,575.0	1,229.9	422.8	573.5	233.6	220.6	139.4	81.1	124.5
Work-in-progress.....	..do.....	134.8	127.4	2.6	121.7	3.2	6.3	6.2	0.1	1.0
Intangible drilling and development accounts.....	..do.....	126.0	121.0	0.8	117.4	2.8	4.6	4.6	-	0.4
Lease and well equipment...	..do.....	8.7	6.5	1.8	4.2	0.5	1.7	1.6	.1	.5
Buildings, other structures, and machinery.....	..do.....	156.2	121.3	62.6	41.1	17.6	28.6	20.7	7.9	6.2
Accumulated cost, end of 1977....	..do.....	40,139.8	32,975.8	9,938.3	16,575.7	6,461.8	5,376.2	3,901.5	1,474.7	1,787.8
Oil and gas field properties <sup>3</sup> ...	..do.....	39,051.7	32,081.4	9,446.0	16,342.6	6,292.8	5,228.5	3,795.0	1,433.5	1,741.8
Nonproducing properties.....	..do.....	4,277.4	3,779.8	930.0	1,917.5	932.3	396.4	285.5	111.0	101.1
Leaseholds.....	..do.....	4,127.9	3,689.8	915.8	1,861.7	912.2	345.5	237.8	107.7	92.6
Other pre-development accounts.....	..do.....	149.5	90.0	14.2	55.8	20.0	50.9	47.7	3.3	8.5
Producing properties.....	..do.....	33,661.4	28,038.2	8,309.3	14,384.8	5,344.1	4,116.9	2,812.2	1,304.7	1,506.3
Leaseholds.....	..do.....	6,645.7	5,186.8	1,368.5	2,899.1	919.2	1,157.6	762.1	395.5	301.3
Intangible drilling and development accounts.....	..do.....	13,796.7	12,092.3	3,651.0	6,377.7	2,063.6	1,327.7	1,248.2	79.5	376.6
Lease and well equipment...	..do.....	13,219.0	10,759.1	3,289.8	5,108.0	2,361.3	1,631.6	802.0	829.6	828.3
Work-in-progress.....	..do.....	88.3	54.1	5.2	40.3	8.6	29.4	29.2	.1	4.8
Intangible drilling and development accounts.....	..do.....	62.8	40.5	1.1	36.3	3.1	20.3	20.3	-	2.0
Lease and well equipment...	..do.....	25.4	13.5	4.1	4.0	5.4	9.1	9.0	.1	2.8
Buildings, other structures, and machinery.....	..do.....	1,088.0	894.4	492.2	233.1	169.0	147.7	106.5	41.2	46.0
Drilling statistics:										
Exploration dryholes:										
Expenditures.....	Mil. dol....	1,642.2	1,170.8	409.7	482.0	279.0	325.8	246.5	79.2	145.7
Number of wells.....	Number.....	5,274	2,901	1,021	828	1,052	1,646	982	664	727
Total footage drilled.....	Thou. ft....	32,323	19,342	7,102	5,782	6,458	9,113	6,415	2,698	3,868
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	234.9	58.1	56.5	120.3	134.6	103.7	30.9	32.3
Number of wells.....	Number.....	1,946	947	230	142	576	791	587	205	207
Total footage drilled.....	Thou. ft....	9,716	4,828	1,226	901	2,701	3,883	2,807	1,076	1,005
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	396.6	155.4	147.6	93.6	260.5	181.3	79.2	105.5
Number of wells.....	Number.....	1,668	935	405	232	299	517	385	132	216
Total footage drilled.....	Thou. ft....	11,442	6,329	2,623	1,987	1,719	3,639	2,578	1,061	1,474
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	435.2	158.1	174.9	102.1	174.3	126.6	47.8	37.8
Number of wells.....	Number.....	4,007	2,405	992	470	943	1,345	624	722	257
Total footage drilled.....	Thou. ft....	21,212	12,386	4,756	3,137	4,493	7,772	4,205	3,567	1,054
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	1,929.3	823.7	726.5	379.1	333.2	232.6	100.6	74.9
Number of wells.....	Number.....	11,370	8,859	3,450	2,731	2,679	1,952	1,156	796	559
Total footage drilled.....	Thou. ft....	51,757	41,004	16,167	12,959	11,878	8,770	5,848	2,922	1,983
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	1,406.9	532.2	600.8	273.9	516.5	411.1	105.4	201.0
Number of wells.....	Number.....	6,102	3,687	1,349	1,389	949	1,605	1,184	421	811
Total footage drilled.....	Thou. ft....	35,926	22,643	8,377	8,489	5,777	9,722	7,795	1,927	3,561
Expenditures for platforms, total..	Mil. dol....	603.7	441.0	134.5	211.6	94.8	119.2	87.2	31.9	43.5
Drilling platforms <sup>4</sup> .....	..do.....	373.4	288.8	68.0	160.4	60.4	57.5	45.5	12.0	27.2
Production platforms <sup>5</sup> .....	..do.....	230.3	152.2	66.5	51.3	34.4	61.7	41.7	20.0	16.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>The numerator of the ratio was derived by subtracting production expenditures and cost of depreciation, depletion, and amortization during the year from lease revenues. The denominator was derived by subtracting accumulated depreciation, depletion, and amortization from gross book value of assets at the end of the year.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>5</sup>Since many companies using the full cost method of accounting do not maintain separate accounts or could not provide reasonable estimates of non-producing, producing, and work-in-progress categories, the details for assets and related accounts for oil and gas field properties do not equal the total.

Table 10. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1977

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1,400 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,351.7	71.4	432.7	352.2	286.0	600.6	194.6	369.3	45.0
From stripper well leases.....	..do.....	294.0	34.4	39.8	36.6	25.1	59.0	30.1	59.2	9.8
Lease condensate.....	..do.....	112.4	1.1	21.2	12.3	16.4	23.0	9.4	24.0	5.0
Natural gas.....	Bil. cu. ft.	15,399.8	306.9	3,093.0	2,089.0	2,183.3	3,325.6	1,151.6	2,539.1	711.3
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	33,598.9	1,040.5	6,901.0	4,703.6	4,168.1	7,565.9	2,605.1	5,437.0	1,177.8
Crude petroleum.....	..do.....	19,547.5	725.1	3,597.9	2,949.9	2,382.6	4,767.1	1,591.6	3,100.7	432.5
Lease condensate.....	..do.....	18,539.4	715.4	3,410.8	2,837.6	2,241.9	4,564.7	1,506.2	2,881.1	381.6
Natural gas.....	..do.....	1,008.2	9.7	187.2	112.3	140.7	202.4	85.4	219.6	50.9
Income from oil and gas royalties	..do.....	12,918.1	238.2	2,969.8	1,612.7	1,723.1	2,586.7	914.8	2,154.2	718.5
Other lease revenues from pro- ducing operations.....	..do.....	984.8	70.3	293.0	133.0	59.3	171.3	88.9	152.5	16.4
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	25,614.6	248.2	3,462.2	2,914.6	2,766.2	5,632.2	2,228.2	5,834.3	2,528.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	30.7	1,006.5	654.4	560.7	1,830.6	707.1	1,999.2	1,054.3
Dry holes.....	..do.....	3,229.9	23.6	412.5	245.9	253.9	580.1	288.3	813.8	611.8
Oil wells.....	..do.....	1,642.2	13.9	247.6	146.9	122.1	274.4	144.4	444.3	248.6
Gas wells.....	..do.....	401.8	6.5	81.0	19.2	50.3	32.2	47.5	95.1	70.0
Work-in-progress adjustment..	..do.....	762.6	3.2	63.6	36.4	83.0	94.3	82.4	214.6	185.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	(2)	20.3	43.5	-1.4	179.2	14.1	59.7	108.0
Land department leasing and scouting.....	..do.....	2,587.1	3.0	325.5	138.3	142.5	694.2	238.2	756.5	289.0
Geological and geophysical.....	..do.....	164.1	(D)	29.1	(D)	20.2	38.1	(D)	32.1	11.7
Lease rents.....	..do.....	856.1	0.4	107.8	110.0	74.2	264.2	64.3	191.7	43.4
Test hole contributions.....	..do.....	245.8	1.0	28.0	30.1	22.1	55.9	20.1	58.0	30.6
Other exploration expenditures, including direct overhead.....	..do.....	32.7	(D)	2.7	(D)	2.3	11.4	(D)	5.0	2.5
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	.9	56.3	55.1	8.9	55.1	42.3	55.0	31.7
Development expenditures.....	..do.....	422.4	1.1	44.6	(D)	36.6	131.6	(D)	87.1	33.6
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,067.7	40.5	1,063.4	1,101.7	929.0	1,765.4	769.1	2,336.5	1,062.2
Dry holes.....	..do.....	5,663.3	31.0	603.9	720.9	556.1	1,089.5	454.4	1,450.9	756.5
Oil wells.....	..do.....	647.3	6.9	69.8	71.1	69.1	110.4	45.5	153.7	120.7
Gas wells.....	..do.....	2,337.4	17.9	239.6	295.6	203.8	426.3	177.7	773.5	203.1
Work-in-progress adjustment..	..do.....	2,124.4	4.7	270.2	207.6	228.6	384.8	167.6	495.5	365.5
Lease equipment <sup>3</sup> .....	..do.....	554.2	1.4	24.4	146.6	54.6	168.0	63.6	28.3	67.2
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	4.7	314.8	247.2	144.1	295.6	163.8	279.5	163.9
Fluid injection and improved recovery programs.....	..do.....	273.1	2.8	3.5	12.9	22.8		10.4	109.4	76.9
Other development expenditures, including direct overhead.....	..do.....	461.4	(D)	(D)	60.2	108.8		80.0	72.8	2.6
General and administrative overhead not reported elsewhere.....	..do.....	672.3	(D)	25.4	37.3	154.4		37.1	328.3	27.1
Production expenditures.....	..do.....	384.1	.8	(D)	23.1	94.3		23.3	95.6	35.3
Direct operating expenditures..	..do.....	8,703.6	177.1	1,392.4	1,158.6	1,276.5	2,036.2	752.0	1,498.6	412.1
Operating and maintenance....	..do.....	5,262.0	129.0	712.2	699.5	743.1	1,314.5	510.2	935.5	218.0
Well workovers.....	..do.....	4,236.9	117.7	569.2	567.4	550.0	1,003.3	437.3	815.6	176.3
Other direct expenses.....	..do.....	698.9	7.0	113.0	96.8	193.1		158.1	49.6	86.0
Indirect operating expenditures	..do.....	326.2	4.3	30.1	35.3	153.0		23.3	33.9	41.7
Taxes (excluding income taxes)	..do.....	3,441.6	48.1	680.2	459.1	533.4	721.7	241.8	563.1	
General and administrative overhead.....	..do.....	2,100.1	22.4	393.9	304.0	289.0	497.3	162.7	361.1	69.5
Other indirect expenses.....	..do.....	905.9	18.8	121.9	155.0	244.5	178.0	67.8	145.3	124.6
	..do.....	435.7	6.9	164.3		46.4	11.2	56.8		

See footnotes at end of table.

**Table 10. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Gross book value of fixed assets (beginning of year).....	Mil. dol....	81,758.8	1,074.6	12,695.2	10,732.0	9,146.9	19,836.4	7,260.4	16,053.8	4,959.6
Oil and gas field properties <sup>4</sup> .....	..do.....	79,666.7	1,035.5	12,311.8	10,599.5	8,865.9	19,472.2	7,056.9	15,414.4	4,910.6
Nonproducing properties.....	..do.....	14,362.6	116.6	(D)	1,816.1	(D)	3,038.0	1,376.7	2,940.4	1,390.1
Leaseholds.....	..do.....	13,308.8		2,039.5		1,508.7	2,911.0	1,302.7	2,616.0	1,058.4
Other pre-development accounts.....	..do.....	1,053.8	116.6	(D)	1,816.1	(D)	127.0	74.0	324.4	331.7
Producing properties.....	..do.....	59,687.4	904.2	9,066.5	8,290.7	7,074.2	15,475.5	5,460.2	10,858.3	2,557.8
Leaseholds.....	..do.....	13,631.9	263.2	2,543.0	2,044.7	1,133.3	3,185.7	1,527.0	2,333.3	601.8
Intangible drilling and development accounts.....	..do.....	24,033.1	137.1	3,449.3	3,345.7	3,142.7	6,472.3	2,058.4	4,311.0	1,116.6
Lease and well equipment.....	..do.....	22,022.4	504.0	3,074.3	2,900.3	2,798.2	5,817.4	1,874.8	4,214.0	839.4
Work-in-progress.....	..do.....	4,662.1	3.0	(D)	448.3	(D)	953.9	220.0	1,419.0	268.4
Intangible drilling and development accounts.....	..do.....	1,613.0	1.3	349.0	220.9	99.2	293.6	136.3	352.8	159.9
Lease and well equipment.....	..do.....	3,048.2	1.7	(D)	227.5	(D)	660.3	83.7	1,066.1	108.5
Buildings, other structures, and machinery.....	..do.....	2,092.1	39.1	383.4	132.5	281.1	364.2	203.5	639.4	49.0
Capitalized expenditures.....	..do.....	13,925.1	74.0	1,616.8	1,269.3	1,495.4	2,765.8	1,156.7	3,599.8	1,947.2
Oil and gas field properties <sup>4</sup> .....	..do.....	13,514.3	68.4	1,562.6	1,246.0	1,429.6	2,698.1	1,130.1	3,458.8	1,920.7
Nonproducing properties.....	..do.....	3,036.6	(D)	347.3	166.8	(D)	737.2	293.1	868.0	434.1
Leaseholds.....	..do.....	2,709.9	2.8	329.5		151.6		244.5	777.3	328.4
Other pre-development accounts.....	..do.....	326.7	(D)	17.8	166.8	(D)	737.2	48.6	90.7	105.7
Producing properties.....	..do.....	6,107.8	40.5	441.8	482.6	716.2	1,238.4	559.9	1,738.1	890.4
Leaseholds.....	..do.....	617.5	(D)	57.6	27.0	(D)	75.4	14.7	219.9	105.9
Intangible drilling and development accounts.....	..do.....	2,979.1	6.2	209.9	224.2	348.6	597.3	295.2	782.5	515.2
Lease and well equipment.....	..do.....	2,511.1	(D)	174.4	231.4	(D)	565.7	249.9	735.7	269.2
Work-in-progress.....	..do.....	4,029.1	(D)	772.4	590.2	(D)	717.8	227.2	832.7	291.0
Intangible drilling and development accounts.....	..do.....	2,375.9	(D)		317.2	(D)	413.8	180.3	327.3	229.5
Lease and well equipment.....	..do.....	1,653.2	(D)	772.4	273.0	(D)	304.0	96.9	505.4	61.5
Buildings, other structures, and machinery.....	..do.....	410.8	5.6	54.2	23.3	65.8	67.7	26.6	141.0	26.5
Retirements and dispositions.....	..do.....	3,326.5	42.6	318.7	321.9	719.4	844.1	278.6	534.1	267.1
Oil and gas properties <sup>4</sup> .....	..do.....	3,247.5	(D)	298.7	(D)	708.5	832.6	267.9	518.8	263.7
Nonproducing properties.....	..do.....	1,253.2	2.3	98.0	193.1	(D)	(D)	(D)	166.1	54.3
Leaseholds.....	..do.....	1,201.2	2.2		(D)	393.2	120.8	156.3	48.8	
Other pre-development accounts.....	..do.....	52.0	0.2	98.0	193.1	(D)				
Producing properties.....	..do.....	1,064.4	35.7	109.4	117.6	105.9	234.4	77.3	259.7	124.3
Leaseholds.....	..do.....	100.1		12.3	9.0	12.7	11.4		33.0	11.3
Intangible drilling and development accounts.....	..do.....	474.5	19.0	49.6	52.2	46.0	120.1	39.0	87.1	72.0
Lease and well equipment.....	..do.....	489.7	16.7	47.4	56.4	47.2	103.0	38.3	139.6	41.1
Work-in-progress.....	..do.....	878.7	3.6	91.3	(D)	(D)	(D)	(D)	90.7	37.3
Intangible drilling and development accounts.....	..do.....	711.9		74.9	(D)	(D)	(D)	31.4	47.1	26.4
Lease and well equipment.....	..do.....	166.8	3.6	16.4	(D)	(D)	(D)	(D)	43.6	11.0
Buildings, other structures, and machinery.....	..do.....	79.0	(D)	20.1	(D)	10.9	11.5	10.7	15.3	3.4
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	1,106.0	13,993.2	11,679.4	9,922.9	21,758.1	8,138.5	19,119.5	6,639.8
Oil and gas field properties <sup>4</sup> .....	..do.....	89,933.7	1,062.4	13,575.7	11,529.7	9,586.9	21,337.7	7,919.1	18,354.4	6,567.7
Nonproducing properties.....	..do.....	15,110.3	118.7	2,243.0	1,514.2	1,457.1	3,105.8	1,398.8	3,520.4	1,752.4
Leaseholds.....	..do.....	13,809.4		2,128.7		1,457.1	2,982.4	1,308.9	3,105.3	1,303.1
Other pre-development accounts.....	..do.....	1,300.9	118.7	114.2	1,514.2		123.4	89.9	415.1	449.4
Producing properties.....	..do.....	69,681.8	923.1	10,626.9	9,302.9	7,852.1	17,483.4	6,344.4	13,728.6	3,420.3
Leaseholds.....	..do.....	15,179.9	270.5	2,732.2	2,337.7	1,262.3	3,521.4	1,669.1	2,654.3	732.4
Intangible drilling and development accounts.....	..do.....	27,828.2	136.7	3,929.5	3,708.4	3,519.2	7,159.6	2,488.9	5,279.9	1,605.9
Lease and well equipment.....	..do.....	26,673.7	515.9	3,965.2	3,256.8	3,070.6	6,802.4	2,186.3	5,794.4	1,082.0
Work-in-progress.....	..do.....	3,896.4	5.2	701.3	662.2	277.7	740.1	175.9	890.9	443.1
Intangible drilling and development accounts.....	..do.....	1,925.3	2.0	370.6	344.1	130.5	322.2	114.8	336.5	304.7
Lease and well equipment.....	..do.....	1,971.1	3.2	330.7	318.1	147.2	417.9	61.1	554.4	138.4
Buildings, other structures, and machinery.....	..do.....	2,423.9	43.7	417.5	149.7	336.0	420.4	219.4	765.1	72.1

See footnotes at end of table.

Table 10. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Depletion, depreciation and amortization of fixed assets:										
Costs during 1977.....	Mil. dol....	5,512.2	74.2	756.1	631.8	584.9	1,366.3	547.7	1,177.9	373.4
Oil and gas properties <sup>1</sup> .....	..do.....	5,356.1	70.8	730.6	616.1	570.6	1,336.3	532.5	1,131.8	367.4
Nonproducing properties.....	..do.....	1,118.2	(D)	181.0	93.9	137.0	329.1	149.4	207.2	(D)
Leaseholds.....	..do.....	1,061.6	(D)	178.6	93.8	137.0			194.2	(D)
Other pre-development accounts.....	..do.....	56.6	(Z)	2.4	(Z)	-	329.1	149.4	12.9	3.6
Producing properties.....	..do.....	3,832.8	61.4	542.6	511.2	425.6	884.4	326.8	858.7	222.0
Leaseholds.....	..do.....	731.3	19.1	125.0	90.2	60.8	162.4	60.2	176.3	37.4
Intangible drilling and development accounts.....	..do.....	1,526.6	11.8	186.7	198.1	181.0	354.3	160.1	325.8	108.9
Lease and well equipment...	..do.....	1,575.0	30.6	230.9	223.0	183.9	367.7	106.6	356.6	75.7
Work-in-progress.....	..do.....	134.8	(D)	(D)	(Z)	(D)	(D)	(D)	5.3	2.8
Intangible drilling and development accounts.....	..do.....	126.0	(D)	(D)	(Z)	-	(D)	(D)	2.9	
Lease and well equipment...	..do.....	8.7	-	(D)	(Z)	(D)	(D)	-	2.4	2.8
Buildings, other structures, and machinery.....	..do.....	156.2	3.4	25.5	15.7	14.3	29.9	15.2	46.1	6.0
Accumulated costs, end of 1977...	..do.....	40,139.8	596.1	6,240.9	5,745.1	3,949.6	11,257.2	3,677.9	7,145.9	1,527.0
Oil and gas field properties <sup>1</sup> .....	..do.....	39,051.7	570.8	6,050.6	5,678.1	(D)	11,077.0	3,582.4	6,792.8	(D)
Nonproducing properties.....	..do.....	4,277.4	0.6	913.5	(D)	447.4	1,285.1	342.5	656.2	(D)
Leaseholds.....	..do.....	4,127.9		896.1	(D)	447.4	1,258.4		612.9	(D)
Other pre-development accounts.....	..do.....	149.5	.6	17.4	(D)	-	26.7	342.5	43.2	(D)
Producing properties.....	..do.....	33,661.4	535.6	5,120.7	5,076.9	3,279.6	9,733.9	3,066.9	5,852.2	995.5
Leaseholds.....	..do.....	6,645.7	150.0	1,084.4	1,016.8	527.4	2,039.6	635.7	1,027.4	164.5
Intangible drilling and development accounts.....	..do.....	13,796.7	65.6	1,908.5	2,318.0	1,121.7	4,014.9	1,406.9	2,462.2	498.8
Lease and well equipment...	..do.....	13,219.0	320.0	2,127.8	1,742.1	1,630.5	3,679.5	1,024.3	2,362.6	332.3
Work-in-progress.....	..do.....	88.3	-	5.6	(D)	(D)	47.4	(D)	17.0	9.7
Intangible drilling and development accounts.....	..do.....	62.8	-	3.9	(D)	(D)		(D)		
Lease and well equipment...	..do.....	25.4	-	1.7	(Z)	(D)	47.4	(Z)	17.0	9.7
Buildings, other structures, and machinery.....	..do.....	1,088.0	25.3	190.3	67.0	(D)	180.2	95.6	353.2	(D)
Drilling statistics:										
Exploration dryholes:										
Expenditures.....	Mil. dol....	1,642.2	13.9	247.6	146.9	122.1	274.4	144.4	444.3	248.6
Number of wells.....	Number.....	5,274	119	566	285	296	871	449	1,930	759
Total footage drilled.....	Thou. ft....	32,323	624	3,354	2,122	1,753	4,319	2,332	12,746	5,073
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	6.5	81.0	19.2	50.3	32.2	47.5	95.1	70.0
Number of wells.....	Number.....	1,946	93	219	77	196	162	243	619	338
Total footage drilled.....	Thou. ft....	9,716	351	1,313	547	939	741	1,026	3,151	1,648
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	3.2	63.6	36.4	83.0	94.3	82.4	214.6	185.2
Number of wells.....	Number.....	1,668	19	156	91	100	234	153	540	377
Total footage drilled.....	Thou. ft....	11,442	72	871	802	947	1,465	1,053	3,583	2,649
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	6.9	69.8	71.1	69.1	110.4	45.5	153.7	120.7
Number of wells.....	Number.....	4,007	293	483	183	400	575	329	1,020	725
Total footage drilled.....	Thou. ft....	21,212	575	1,896	1,302	1,939	4,361	1,609	5,584	3,946
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	17.9	239.6	295.6	203.8	426.3	177.7	773.5	203.1
Number of wells.....	Number.....	11,370	351	1,019	1,505	1,134	1,612	1,377	3,224	1,147
Total footage drilled.....	Thou. ft....	51,757	1,284	4,493	6,090	4,666	6,586	5,924	17,388	5,326
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	4.7	270.2	207.6	228.6	384.8	167.6	495.5	365.5
Number of wells.....	Number.....	6,102	56	1,126	461	433	772	625	1,592	1,036
Total footage drilled.....	Thou. ft....	35,926	330	4,899	3,051	3,037	4,888	3,302	9,832	6,587
Expenditures for platforms, total..	Mil. dol....	603.7	.5	117.0	78.9	36.3	125.1	37.8	132.8	75.2
Drilling platforms <sup>2</sup> .....	..do.....	373.4		76.9			98.6		76.6	35.6
Production platforms <sup>3</sup> .....	..do.....	230.3		40.1	78.9	36.3	26.6	37.8	56.2	39.6

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since many companies using the full cost method of accounting do not maintain separate accounts or could not provide reasonable estimates of nonproducing, producing, and work-in-progress categories, the details for assets and related accounts for oil and gas field properties do not equal the total.

**Table 11. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over	
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	2,351.7	73.0	477.1	793.0	612.7	298.6	70.6	13.2	13.5	
From stripper well leases.....	..do.....	294.0	50.0	63.7	71.1	60.5	35.7	8.7	1.8	2.4	
Lease condensate.....	..do.....	112.4	1.2	18.7	31.0	35.3	15.2	4.8	2.1	4.0	
Natural gas.....	Bil. cu. ft.	15,399.8	384.4	2,803.8	4,843.6	4,435.6	1,948.6	599.0	147.0	237.6	
Lease revenues:											
Crude petroleum and condensate...	Mil. dol....	33,598.9	1,140.9	6,250.2	10,868.5	8,998.2	4,219.2	1,311.1	327.8	483.0	
Crude petroleum.....	..do.....	19,547.5	784.3	3,926.2	6,442.2	5,040.0	2,488.0	610.0	128.9	127.9	
Lease condensate.....	..do.....	18,539.4	775.6	3,765.3	6,157.5	4,726.5	2,346.0	566.6	109.2	92.6	
Natural gas.....	..do.....	1,008.2	8.7	160.8	284.8	313.5	142.0	43.5	19.7	35.3	
Income from oil and gas royalties	..do.....	12,918.1	309.2	2,106.8	4,203.0	3,619.8	1,536.1	636.5	172.6	334.2	
Other lease revenues from producing operations.....	..do.....	984.8	40.9	199.4	205.1	295.0	171.7	53.1	26.4	20.9	
Expenditures (capitalized and expensed).....	..do.....	148.5	6.6	17.9	18.2	43.4	23.3	11.5			
Exploration expenditures.....	..do.....	25,614.6	692.1	4,377.6	7,084.5	6,934.9	4,152.0	1,404.3	520.2	449.2	
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	-	554.0	1,694.6	2,343.2	1,807.8	767.7	335.3	340.8	
Dry holes.....	..do.....	3,229.9	-	206.5	700.2	858.5	622.4	419.6	182.1	240.7	
Oil wells.....	..do.....	1,642.2	-	133.1	398.6	418.1	337.4	189.2	78.0	87.8	
Gas wells.....	..do.....	401.8	-	26.3	90.3	88.6	97.9	50.8	26.7	21.1	
Work-in-progress adjustment.....	..do.....	762.6	-	25.5	124.1	179.2	134.7	137.1	65.3	96.7	
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	-	21.5	87.2	172.6	52.3	42.6	12.1	35.0	
Land department leasing and scouting.....	..do.....	2,587.1	-	150.2	424.5	806.9	852.3	198.5	104.4	50.1	
Geological and geophysical.....	..do.....	164.1	-	18.9	44.3	43.2	28.4	16.5	3.4	9.4	
Lease rents.....	..do.....	856.1	-	87.9	241.6	304.5	136.3	53.7	17.2	14.9	
Test hole contributions.....	..do.....	245.8	-	28.7	62.8	72.3	43.1	21.0	8.2	10.7	
Other exploration expenditures, including direct overhead.....	..do.....	32.7	-	2.3	12.2	9.8	5.6	1.8			
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	-	19.9	106.9	78.3	68.6	19.4	4.4	7.7	
Development expenditures.....	..do.....	422.4	-	39.6	102.1	169.8	51.0	37.2	15.5	7.3	
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,067.7	263.0	1,849.9	2,656.6	2,431.3	1,295.4	374.1	142.1	55.4	
Dry holes.....	..do.....	5,663.3	196.1	1,009.0	1,574.0	1,628.2	862.7	239.0	108.1	46.0	
Oil wells.....	..do.....	647.3	31.9	106.4	180.8	151.4	106.6	42.9	15.0	12.3	
Gas wells.....	..do.....	2,337.4	105.1	625.6	606.0	544.3	345.1	77.9	17.9	15.5	
Work-in-progress adjustment.....	..do.....	2,124.4	53.5	329.9	616.6	659.4	271.6	116.6	57.5	19.3	
Lease equipment <sup>3</sup> .....	..do.....	554.2	5.6	-52.9	170.7	273.2	139.5	1.7	17.6	-1.1	
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	37.6	267.8	631.1	397.8	158.2	94.3	22.9	3.7	
Fluid injection and improved recovery programs.....	..do.....	273.1	12.4	111.6	54.0	17.5	61.6	12.2	1.8	3.1	
Other development expenditures, including direct overhead.....	..do.....	461.4	9.7	86.3	176.8	126.9	59.4	1.1			
General and administrative overhead not reported elsewhere.....	..do.....	672.3	4.5	290.6	135.2	118.6	115.4	3.8	4.2		
Production expenditures.....	..do.....	384.1	2.7	84.5	85.5	142.2	38.0	23.7	7.5		
Direct operating expenditures.....	..do.....	8,703.6	429.2	1,973.7	2,733.3	2,160.3	1,048.8	262.4	42.8	53.1	
Operating and maintenance.....	..do.....	5,262.0	325.7	1,166.0	1,571.5	1,316.4	659.3	171.6	24.2	27.3	
Well workovers.....	..do.....	4,236.9	282.2	915.4	1,250.1	1,045.7	561.6	136.8	20.4	24.8	
Other direct expenses.....	..do.....	698.9	34.9	197.8	218.8	141.3	78.3	22.9	2.6	2.1	
Indirect operating expenditures	..do.....	326.2	8.5	52.8	102.6	129.4	19.3	11.8	1.3	0.4	
Taxes (excluding income taxes)	..do.....	3,441.6	103.5	807.6	1,161.8	843.9	389.5	90.9	18.6	25.8	
General and administrative overhead.....	..do.....	2,100.1	45.1	450.5	704.0	541.2	266.0	65.8	11.9	15.6	
Other indirect expenses.....	..do.....	905.9	45.0	280.9	183.7	267.7	114.7	33.9	3.9	10.0	
	..do.....	435.7	13.4	76.2	274.1	35.1	2.7		.3		



**Table 11. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,642.2	-	133.1	398.6	418.1	337.4	189.2	78.0	87.8
Number of wells.....	Number.....	5,274	-	527	947	1,181	1,063	945	284	329
Total footage drilled.....	Thou. ft....	32,323	-	2,576	6,185	6,650	7,867	5,177	1,356	2,512
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	-	26.3	90.3	88.6	97.9	50.8	26.7	21.1
Number of wells.....	Number.....	1,946	-	252	215	493	467	323	113	84
Total footage drilled.....	Thou. ft....	9,716	-	908	1,169	2,365	2,712	1,395	669	498
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	-	25.5	124.1	179.2	134.7	137.1	65.3	96.7
Number of wells.....	Number.....	1,668	-	66	262	460	375	290	82	133
Total footage drilled.....	Thou. ft....	11,442	-	389	1,800	2,694	2,486	2,429	562	1,082
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	31.9	106.4	180.8	151.4	106.6	42.9	15.0	12.3
Number of wells.....	Number.....	4,007	723	946	702	713	647	209	33	35
Total footage drilled.....	Thou. ft....	21,212	3,229	3,772	4,555	3,720	3,870	1,523	264	279
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	105.1	625.6	606.0	544.3	345.1	77.9	17.9	15.5
Number of wells.....	Number.....	11,370	1,472	3,047	2,780	2,045	1,480	447	44	55
Total footage drilled.....	Thou. ft....	51,757	3,558	12,358	13,690	10,064	9,317	2,160	295	315
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	53.5	329.9	616.6	659.4	271.6	116.6	57.5	19.3
Number of wells.....	Number.....	6,102	439	1,321	1,360	1,769	709	402	81	22
Total footage drilled.....	Thou. ft....	35,926	2,159	5,886	9,026	10,247	5,177	2,658	561	212
Expenditures for platforms, total..	Mil. dol....	603.7	(D)	59.2	234.0	165.1	64.5	32.4	23.1	(D)
Drilling platforms <sup>2</sup> .....	..do.....	373.4	(D)	39.7	126.4	121.5	44.0	32.4 {	2.0	(D)
Production platforms <sup>3</sup> .....	..do.....	230.3	(D)	19.5	107.6	43.6	20.5		21.1	(D)
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	81,758.8	1,604.3	14,260.2	25,371.4	23,559.3	10,907.3	3,789.4	1,467.2	799.7
Buildings, other structures, and machinery.....	..do.....	79,666.7	1,473.5	13,849.9	24,999.5	22,952.6	10,491.0	3,671.1	1,442.7	786.6
Capitalized expenditures.....	..do.....	2,092.1	130.8	410.3	371.9	606.8	416.4	118.3	24.6	13.1
Oil and gas field properties.....	..do.....	13,925.1	211.5	2,399.7	3,429.0	3,601.9	2,537.2	961.7	422.9	361.3
Buildings, other structures, and machinery.....	..do.....	13,514.3	196.3	2,309.8	3,352.2	3,514.7	2,477.5	894.1	410.9	358.8
Retirement and dispositions.....	..do.....	410.8	15.2	89.9	76.7	87.2	59.7	67.5	12.0	2.5
Oil and gas properties.....	..do.....	3,326.5	24.4	835.8	838.3	944.9	384.7	160.2	52.2	86.0
Buildings, other structures, and machinery.....	..do.....	3,247.5	24.4 {	823.2	813.7	925.7	381.4	154.3	52.2 {	85.9
	..do.....	79.0		12.6	24.6	19.2	3.3	6.0		0.1
Gross book value of fixed assets (end of year).....										
Oil and gas field properties.....	..do.....	92,357.5	1,791.4	15,824.1	27,962.1	26,216.3	13,059.9	4,590.9	1,838.0	1,074.9
Buildings, other structures, and machinery.....	..do.....	89,933.7	1,656.6	15,336.4	27,538.1	25,541.6	12,587.1	4,411.0	1,803.3	1,059.5
Depletion, depreciation and amortization of fixed assets:		2,423.9	134.8	487.6	424.0	674.7	472.8	179.9	34.7	15.4
Cost during 1977.....										
Oil and gas field properties...	..do.....	5,512.2	106.9	866.4	1,567.9	1,715.6	773.0	316.3	86.3	79.9
Buildings, other structures and machinery.....	..do.....	5,356.1	99.3	842.3	1,533.2	1,671.8	741.0	305.1	84.1	79.2
Accumulated cost, end of 1977....	..do.....	156.2	7.6	24.1	34.6	43.9	31.9	11.1	2.2	.7
Oil and gas field properties...	..do.....	40,139.8	887.5	6,224.3	13,084.2	11,657.4	6,273.2	1,466.2	304.1	242.9
Buildings, other structures and machinery.....	..do.....	39,051.7	831.3	6,000.3	12,873.5	11,373.0	6,027.9	1,411.1	297.3	237.3
	..do.....	1,088.0	56.1	224.0	210.8	284.3	245.3	55.0	6.8	5.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 12. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,351.7	48.2	187.1	222.3	1,491.9	282.4	39.1	12.9	67.8
From stripper well leases.....	..do.....	294.0	24.0	55.4	29.4	123.7	41.3	10.7	4.3	5.2
Lease condensate.....	..do.....	112.4	2.5	10.3	8.5	65.4	21.3	2.0	1.6	1.0
Natural gas.....	Bil. cu. ft.	15,399.8	315.9	1,131.2	1,234.4	9,255.7	2,847.2	250.5	215.6	149.2
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>33,598.9</b>	<b>737.2</b>	<b>2,721.0</b>	<b>3,290.4</b>	<b>20,095.7</b>	<b>5,040.5</b>	<b>690.8</b>	<b>379.1</b>	<b>644.2</b>
Crude petroleum and condensate...	..do.....	19,547.5	456.2	1,650.5	1,909.3	12,156.6	2,416.8	369.7	127.1	461.3
Crude petroleum.....	..do.....	18,539.4	433.4	1,564.4	1,832.8	11,576.3	2,215.9	353.5	112.1	451.0
Lease condensate.....	..do.....	1,008.2	22.8	86.1	76.6	580.3	201.0	16.2	15.1	10.2
Natural gas.....	..do.....	12,918.1	242.6	881.1	1,182.1	7,462.5	2,477.4	271.8	232.4	168.2
Income from oil and gas royalties	..do.....	984.8	33.0	167.3	161.7	418.3	133.3	45.7	17.6	7.9
Other lease revenues from pro- ducing operations.....	..do.....	148.5	5.4	22.0	37.3	58.3	13.0	3.6	2.1	6.8
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>25,614.6</b>	<b>403.2</b>	<b>1,878.2</b>	<b>2,541.2</b>	<b>14,532.1</b>	<b>4,108.3</b>	<b>941.8</b>	<b>415.3</b>	<b>794.6</b>
Exploration expenditures.....	..do.....	7,843.3	120.7	839.6	1,111.1	4,250.2	1,185.6	225.3	65.5	45.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,229.9	90.9	390.8	510.7	1,515.1	564.1	110.6	30.6	17.1
Dry holes.....	..do.....	1,642.2	25.2	196.5	249.0	820.0	294.7	38.8	10.6	7.3
Oil wells.....	..do.....	401.8	32.0	35.1	90.7	132.1	74.6	28.5	8.1	0.7
Gas wells.....	..do.....	762.6	29.3	124.6	161.2	262.6	147.9	35.8		1.1
Work-in-progress adjustment..	..do.....	423.3	4.4	34.6	9.7	300.4	46.9	19.4		7.9
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,587.1	8.7	317.8	368.2	1,445.9	331.4	79.4	23.3	12.4
Land department leasing and scouting.....	..do.....	164.1	1.9	19.2	32.2	79.9	24.2	5.6	0.5	.6
Geological and geophysical....	..do.....	856.1	2.7	31.3	82.6	588.9	136.0	9.9	(D)	(D)
Lease rents.....	..do.....	245.8	3.9	20.7	39.8	131.3	34.1	7.9	6.0	2.1
Test hole contributions.....	..do.....	32.7	0.2	0.9	3.5	24.8	2.7	(2)	(D)	(D)
Other exploration expenditures, including direct overhead.....	..do.....	305.2	3.2	19.4	31.9	195.8	41.2	4.4	.3	9.1
General and administrative overhead, not reported elsewhere.....	..do.....	422.4	9.2	39.5	42.3	268.4	52.1	7.6	(D)	(D)
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>9,067.7</b>	<b>-</b>	<b>239.5</b>	<b>654.8</b>	<b>5,014.4</b>	<b>1,792.0</b>	<b>508.1</b>	<b>270.3</b>	<b>588.7</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,663.3	-	160.7	409.8	2,967.1	1,314.4	319.9	210.7	280.7
Dry holes.....	..do.....	647.3	-	28.2	63.3	289.4	157.1	54.3	36.1	19.0
Oil wells.....	..do.....	2,337.4	-	70.2	174.2	1,154.1	420.3	134.0	65.6	319.1
Gas wells.....	..do.....	2,124.4	-	68.4	151.3	1,068.1	555.0	111.1	95.3	75.3
Work-in-progress adjustment..	..do.....	554.2	-	-6.2	21.1	455.6	182.1	20.6	13.7	-132.7
Lease equipment <sup>1</sup> .....	..do.....	1,613.5	-	42.8	153.7	999.5	267.3	52.1	23.9	74.2
Lease and land acquisitions of producing acreage.....	..do.....	273.1	-	5.4	8.5	90.2	39.1	105.6		
Fluid injection and improved recovery programs.....	..do.....	461.4	-	5.7	23.2	379.4	46.3	3.0	26.5	224.8
Other development expenditures, including direct overhead.....	..do.....	672.3	-	6.3	27.2	356.6	51.2	7.7		
General and administrative overhead not reported elsewhere.....	..do.....	384.2	-	18.7	32.4	221.6	73.7	19.8	9.2	9.0
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>8,703.6</b>	<b>282.5</b>	<b>799.1</b>	<b>775.3</b>	<b>5,267.5</b>	<b>1,130.7</b>	<b>208.4</b>	<b>79.6</b>	<b>160.6</b>
Direct operating expenditures...	..do.....	5,262.0	180.0	494.5	454.6	3,137.2	728.4	133.0	47.4	86.9
Operating and maintenance....	..do.....	4,236.9	163.3	404.3	370.8	2,481.3	597.0	107.7	37.2	75.2
Well workovers.....	..do.....	698.9	13.7	59.7	61.4	462.3	71.4	13.4	9.5	7.5
Other direct expenses.....	..do.....	326.2	3.0	30.5	22.4	193.6	60.0	11.9	.7	4.1
Indirect operating expenditures	..do.....	3,441.6	102.5	304.6	320.7	2,130.3	402.3	75.4	105.8	
Taxes (excluding income taxes)	..do.....	2,100.1	27.5	149.9	184.4	1,336.5	277.9	38.2	85.6	
General and administrative overhead.....	..do.....	905.9	56.6	105.4	71.8	514.7	108.4	30.2	6.6	12.1
Other indirect expenses.....	..do.....	435.7	18.4	49.2	64.5	279.1	15.9	7.0	.1	1.5

**Table 12. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,642.2	25.2	196.5	249.0	820.0	294.7	38.8	10.6	7.3
Number of wells.....	Number.....	5,274	387	1,323	975	1,376	780	217	132	83
Total footage drilled.....	Thou. ft....	32,323	1,545	6,094	5,566	11,143	5,360	1,694	549	372
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	32.0	35.1	90.7	132.1	74.6	28.5	8.1	0.7
Number of wells.....	Number.....	1,946	304	401	521	263	287	86	67	17
Total footage drilled.....	Thou. ft....	9,716	1,142	1,646	2,548	1,719	1,736	592	298	35
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	29.3	124.6	161.2	262.6	147.9	35.8		1.1
Number of wells.....	Number.....	1,668	205	387	278	405	285	67	26	15
Total footage drilled.....	Thou. ft....	11,442	900	2,397	2,014	3,470	1,851	553	177	80
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	-	28.2	63.3	289.4	157.1	54.3	36.1	19.0
Number of wells.....	Number.....	4,007	-	222	475	1,023	1,161	502	420	204
Total footage drilled.....	Thou. ft....	21,212	-	1,150	2,526	6,046	4,626	4,235	1,952	677
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	-	70.2	174.2	1,154.1	420.3	134.0	65.6	319.1
Number of wells.....	Number.....	11,370	-	586	1,023	5,073	2,254	922	828	683
Total footage drilled.....	Thou. ft....	51,757	-	2,429	4,520	23,309	10,371	5,424	2,625	3,079
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	-	68.4	151.3	1,068.1	555.0	111.1	95.3	75.3
Number of wells.....	Number.....	6,102	-	290	561	2,057	1,597	577	475	546
Total footage drilled.....	Thou. ft....	35,926	-	1,445	3,053	14,743	8,525	3,713	2,512	1,935
Expenditures for platforms, total..	Mil. dol....	603.7	-	14.5	56.9	348.5	156.7	(D)	-	(D)
Drilling platforms <sup>2</sup> .....	..do.....	373.4	-	10.4	33.4	223.0	93.1	(D)	-	(D)
Production platforms <sup>3</sup> .....	..do.....	230.3	-	4.1	23.6	125.5	63.6	0.5	-	13.0
<b>Gross book value of fixed assets (beginning of year)<sup>4</sup>.....</b>	..do.....	81,758.8	1,242.9	5,225.8	7,232.6	50,262.9	13,285.3	1,385.9	709.3	2,414.0
Oil and gas field properties.....	..do.....	79,666.7	1,112.9	5,082.7	6,940.0	49,076.8	13,024.7	1,329.5	699.8	2,400.2
Buildings, other structures, and machinery.....	..do.....	2,092.1	129.9	143.1	292.6	1,186.1	260.6	56.4	9.6	13.8
<b>Capitalized expenditures.....</b>	..do.....	13,925.1	119.9	919.3	1,644.1	7,377.1	2,240.9	667.4	300.3	656.1
Oil and gas field properties.....	..do.....	13,514.3	95.5	872.5	1,597.6	7,146.3	2,198.3	653.5	297.8	652.8
Buildings, other structures, and machinery.....	..do.....	410.8	24.4	46.8	46.5	230.8	42.5	13.9	2.5	3.3
<b>Retirement and dispositions.....</b>	..do.....	3,326.5	17.4	268.5	380.7	1,919.4	524.1	131.0	57.1	28.4
Oil and gas properties.....	..do.....	3,247.5	16.5	252.9	367.3	1,885.1	513.2	128.5	56.9	27.1
Buildings, other structures, and machinery.....	..do.....	79.0	1.0	15.5	13.4	34.3	10.8	2.5	0.2	1.3
<b>Gross book value of fixed assets (end of year).....</b>	..do.....	92,357.5	1,345.3	5,876.7	8,496.1	55,720.7	15,002.1	1,922.3	952.5	3,041.8
Oil and gas field properties.....	..do.....	89,933.7	1,191.9	5,702.3	8,170.4	54,338.1	14,709.8	1,854.5	940.7	3,025.9
Buildings, other structures, and machinery.....	..do.....	2,423.9	153.4	174.4	325.7	1,382.6	292.3	67.8	11.9	15.9
<b>Depletion, depreciation and amortization of fixed assets:</b>										
Cost during 1977.....	..do.....	5,512.2	79.6	320.3	629.9	3,243.7	897.3	155.4	60.4	125.6
Oil and gas field properties...	..do.....	5,356.1	69.2	308.4	606.1	3,164.4	876.3	148.6	59.6	123.5
Buildings, other structures and machinery.....	..do.....	156.2	10.3	11.9	23.8	79.3	21.0	6.8	.9	2.1
Accumulated cost, end of 1977...	..do.....	40,139.8	638.4	2,986.5	3,603.2	25,115.1	6,371.9	704.9	243.5	476.3
Oil and gas field properties...	..do.....	39,051.7	570.1	2,932.2	3,448.4	24,462.2	6,257.6	674.5	238.4	468.3
Buildings, other structures and machinery.....	..do.....	1,088.0	68.4	54.3	154.8	652.9	114.3	30.4	5.1	8.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 13. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mill. bbl....	2,351.7	41.4	266.4	189.8	342.4	745.7	410.7	232.5	122.8
From stripper well leases.....	..do.....	294.0	6.3	36.8	16.5	31.4	51.7	47.3	32.6	71.5
Lease condensate.....	..do.....	112.4	6.7	22.4	9.2	15.7	30.5	26.3		1.5
Natural gas.....	Bill. cu. ft.	15,399.8	932.3	2,486.6	1,060.4	2,114.5	4,695.9	1,976.2	1,621.7	512.1
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mill. dol....	33,598.9	1,546.4	4,692.3	2,646.0	4,411.8	10,536.1	4,877.6	3,113.6	1,775.2
Crude petroleum and condensate...	..do.....	19,547.5	413.6	2,341.9	1,521.4	2,689.5	6,121.1	3,222.8	1,952.2	1,285.0
Crude petroleum.....	..do.....	18,539.4	348.4	2,133.2	1,438.6	2,549.7	5,842.1	3,222.8	1,952.2	1,272.1
Lease condensate.....	..do.....	1,008.2	65.1	208.7	82.8	139.8	279.0			12.9
Natural gas.....	..do.....	12,918.1	1,090.7	2,175.7	883.5	1,583.1	4,168.5	1,554.6	1,106.0	356.0
Income from oil and gas royalties	..do.....	984.8	28.2	142.7	215.0	107.4	231.7			125.3
Other lease revenues from producing operations.....	..do.....	148.5	14.0	32.1	26.1	31.7	14.8	100.2	55.3	8.8
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	..do.....	25,614.6	2,281.4	4,941.6	2,190.0	3,387.7	6,381.5	3,527.0	2,069.6	835.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	1,140.2	1,936.5	665.6	1,178.9	1,722.8	780.2	356.8	62.3
Dry holes.....	..do.....	3,229.9	652.7	793.7	245.0	356.8	674.0	319.1	149.6	39.0
Oil wells.....	..do.....	1,642.2	275.5	399.1	121.9	183.5	377.0	178.3	83.5	23.5
Gas wells.....	..do.....	401.8	61.8	113.9	36.7	40.9	84.6	31.8	24.5	7.4
Work-in-progress adjustment..	..do.....	762.6	229.6	201.6	53.9	54.0	114.3	67.1	33.5	8.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	85.8	79.0	32.5	78.3	98.2	41.8	8.1	-5
Land department leasing and scouting.....	..do.....	2,587.1	313.5	731.3	287.1	508.6	423.1	221.8	96.6	5.1
Geological and geophysical.....	..do.....	164.1	21.1	31.2	11.3	24.3	31.5	27.6	15.7	1.5
Lease rents.....	..do.....	856.1	52.9	183.9	52.9	131.0	271.1	114.8	(D)	(D)
Test hole contributions.....	..do.....	245.8	30.6	57.9	16.1	32.7	61.6	30.3	13.1	3.6
Other exploration expenditures, including direct overhead.....	..do.....	32.7	1.4	5.8	1.5	5.0	12.9	4.9	(D)	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	39.3	49.3	35.9	40.6	112.7	21.8	3.8	1.7
<b>Development expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	422.4	28.8	83.4	15.8	79.9	136.0	39.8	(D)	(D)
Dry holes.....	..do.....	9,067.7	941.9	1,968.3	934.1	1,080.7	2,246.2	1,188.9	585.1	122.4
Oil wells.....	..do.....	5,663.3	700.1	1,391.6	446.4	703.9	1,347.6	669.2	330.9	73.6
Gas wells.....	..do.....	647.3	117.7	148.4	42.2	66.8	133.1	85.4	46.6	7.1
Work-in-progress adjustment..	..do.....	2,337.4	144.2	532.8	377.1	360.2	479.7	234.6	158.0	50.8
Lease equipment <sup>3</sup> .....	..do.....	2,124.4	348.5	515.3	144.6	256.3	468.5	271.3	119.9	
Lease and land acquisitions of producing acreage.....	..do.....	554.2	89.6	195.1	-117.5	20.6	266.3	77.9	22.2	
Fluid injection and improved recovery programs.....	..do.....	1,613.5	129.5	259.6	140.0	179.0	561.7	206.2	111.8	25.9
Other development expenditures, including direct overhead.....	..do.....	273.1	63.2	48.5	(D)	14.4	14.1	47.2	(D)	7.2
General and administrative overhead, not reported elsewhere.....	..do.....	461.4	2.3	62.7	19.5	53.9	138.1	114.6	70.3	
<b>Production expenditures:</b>										
Direct operating expenditures..	..do.....	672.3	22.9	110.5	(D)	49.4	113.3	93.3	(D)	3.7
Operating and maintenance....	..do.....	384.1	24.0	95.3	18.6	80.3	71.5	58.5	32.2	3.8
Well workovers.....	..do.....	8,703.6	199.3	1,036.7	590.2	1,128.1	2,412.4	1,557.8	1,127.7	651.3
Other direct expenses.....	..do.....	5,262.0	120.3	667.1	348.8	647.6	1,381.7	977.6	668.7	450.3
Indirect operating expenditures	..do.....	4,236.9	98.0	567.3	301.0	521.8	1,056.5	811.9	482.1	398.4
Taxes (excluding income taxes)	..do.....	698.9	14.9	71.6	42.7	49.7	221.5	105.6	186.5	51.9
General and administrative overhead.....	..do.....	326.2	7.4	28.1	5.2	76.1	103.7	60.1		
Other indirect expenses.....	..do.....	3,441.6	79.1	369.7	241.4	480.6	1,030.7	580.2	459.0	201.0
	..do.....	2,100.1	58.4	272.0	178.5	300.9	651.2	341.4	228.0	69.7
	..do.....	905.9	18.7	95.0	59.2	135.4	327.1	172.9	97.5	
	..do.....	435.7	2.0	2.6	3.7	44.3	291.2	58.1	33.7	

**Table 13. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>										
<b>Exploration dry holes:</b>										
Expenditures.....	Mil. dol....	1,642.2	275.5	399.1	121.9	183.5	377.0	178.3	83.5	23.5
Number of wells.....	Number.....	5,274	907	1,339	221	335	1,262	564	230	418
Total footage drilled.....	Thou. ft....	32,323	6,959	9,357	1,736	2,282	5,428	3,599	1,322	1,640
<b>Exploration oil wells:</b>										
Expenditures.....	Mil. dol....	401.8	61.8	113.9	36.7	40.9	84.6	31.8	24.5	7.4
Number of wells.....	Number.....	1,946	180	503	117	185	365	217	187	191
Total footage drilled.....	Thou. ft....	9,716	1,117	2,955	735	1,029	1,558	805	927	590
<b>Exploration gas wells:</b>										
Expenditures.....	Mil. dol....	762.6	229.6	201.6	53.9	54.0	114.3	67.1	33.5	8.7
Number of wells.....	Number.....	1,668	278	440	120	122	275	119	246	68
Total footage drilled.....	Thou. ft....	11,442	2,401	3,396	818	722	1,769	909	1,109	318
<b>Development dry holes:</b>										
Expenditures.....	Mil. dol....	647.3	117.7	148.4	42.2	66.8	133.1	85.4	46.6	7.1
Number of wells.....	Number.....	4,007	562	1,179	170	175	587	531	603	200
Total footage drilled.....	Thou. ft....	21,212	3,781	5,772	984	1,091	3,377	4,027	1,630	550
<b>Development oil wells:</b>										
Expenditures.....	Mil. dol....	2,337.4	144.2	532.8	377.1	360.2	479.7	234.6	158.0	50.8
Number of wells.....	Number.....	11,370	587	3,463	637	1,022	1,960	1,382	1,058	1,262
Total footage drilled.....	Thou. ft....	51,757	4,336	17,060	2,947	4,848	9,620	5,893	4,217	2,836
<b>Development gas wells:</b>										
Expenditures.....	Mil. dol....	2,124.4	348.5	515.3	144.6	256.3	468.5	271.3	119.9	
Number of wells.....	Number.....	6,102	997	1,929	435	564	1,162	535	479	
Total footage drilled.....	Thou. ft....	35,926	6,700	10,387	2,470	3,651	6,661	3,430	2,627	
Expenditures for platforms, total..	Mil. dol....	603.7	94.6	90.6	40.8	84.3	208.8	69.6	15.1	
Drilling platforms <sup>2</sup> .....	Mil. dol....	373.4	46.3	53.4	27.3	56.6	153.8	30.5	5.5	
Production platforms <sup>3</sup> .....	..do.....	230.3	48.3	37.3	13.5	27.6	54.9	39.1	9.5	
<b>Gross book value of fixed assets</b>										
(beginning of year) <sup>4</sup> .....	..do.....	81,758.8	4,836.6	13,892.9	7,049.4	11,568.9	22,472.6	12,501.6	7,142.1	2,294.6
Oil and gas field properties.....	..do.....	79,666.7	4,803.8	13,251.9	6,984.3	11,342.3	22,134.9	12,167.6	6,893.2	2,088.7
Buildings, other structures, and machinery.....	..do.....	2,092.1	32.9	641.0	65.0	226.6	337.7	334.0	248.9	206.0
<b>Capitalized expenditures.....</b>	..do.....	13,925.1	1,887.8	3,005.8	1,555.7	1,742.3	2,844.8	1,541.2	1,135.9	211.5
Oil and gas field properties.....	..do.....	13,514.3	1,866.0	2,907.3	1,542.4	1,653.1	2,785.3	1,496.1	1,083.7	180.4
Buildings, other structures, and machinery.....	..do.....	410.8	21.7	98.5	13.3	89.2	59.6	45.2	52.2	31.1
<b>Retirement and dispositions.....</b>	..do.....	3,326.5	275.8	428.1	206.6	439.7	756.8	532.8	686.7	
Oil and gas properties.....	..do.....	3,247.5	272.7	417.7	202.3	428.7	739.8	519.0	667.4	
Buildings, other structures, and machinery.....	..do.....	79.0	3.1	10.5	4.4	11.0	17.0	13.8	7.3	11.9
<b>Gross book value of fixed assets</b>										
(end of year).....	..do.....	92,357.5	6,448.8	16,470.6	8,398.4	12,871.5	24,560.6	13,510.1	7,626.8	2,470.7
Oil and gas field properties.....	..do.....	89,933.7	6,397.2	15,741.5	8,324.5	12,566.7	24,180.3	13,144.7	7,333.1	2,245.5
Buildings, other structures, and machinery.....	..do.....	2,423.9	51.5	729.1	73.9	304.8	380.3	365.4	293.8	225.2
<b>Depletion, depreciation and amortization of fixed assets:</b>										
Cost during 1977.....	..do.....	5,512.2	360.4	1,077.9	490.0	784.8	1,433.9	787.6	431.8	145.8
Oil and gas field properties... ..	..do.....	5,356.1	357.5	1,028.3	485.0	769.3	1,403.1	765.2	415.3	132.4
Buildings, other structures and machinery.....	..do.....	156.2	2.9	49.5	5.0	15.5	30.9	22.4	16.5	13.4
Accumulated cost, end of 1977....	..do.....	40,139.8	1,259.4	6,667.8	2,762.7	6,142.8	11,895.1	6,755.3	3,240.9	1,415.7
Oil and gas field properties... ..	..do.....	39,051.7	1,247.0	6,324.1	2,728.6	6,061.0	11,704.3	6,569.6	3,090.2	1,327.0
Buildings, other structures and machinery.....	..do.....	1,088.0	12.4	343.6	34.2	81.9	190.9	185.7	150.7	88.8

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 14. Detailed Statistics Grouped by Oil Lease Specialization Ratios: 1977

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	2,351.7	46.6	79.3	57.4	534.2	227.0	553.2	451.4	141.0	261.6
From stripper well leases.....	..do.....	294.0	4.2	10.5	3.7	37.3	29.3	46.1	44.0	20.8	98.0
Lease condensate.....	..do.....	112.4	2.7	14.6	8.1	33.4	10.8	22.8	15.9	2.5	1.5
Natural gas.....	Bil. cu. ft.	15,399.8	416.8	1,987.0	755.6	4,641.1	1,808.6	2,689.4	2,322.0	455.3	324.2
Lease revenues:											
Crude petroleum and condensate...	Mil. dol....	33,598.9	923.8	2,843.0	1,268.4	8,515.3	3,238.7	6,795.4	5,575.8	1,607.4	2,831.2
Crude petroleum.....	..do.....	19,547.5	447.8	706.3	478.0	4,427.1	1,795.7	4,368.2	3,712.0	1,208.3	2,404.2
Lease condensate.....	..do.....	18,539.4	424.0	573.4	406.0	4,131.4	1,697.6	4,166.1	3,562.1	1,186.5	2,392.2
Natural gas.....	..do.....	1,008.2	23.8	132.9	72.0	295.7	98.1	202.1	149.9	21.8	12.0
Income from oil and gas royalties	..do.....	12,918.1	353.5	2,048.9	667.0	3,940.8	1,368.2	2,206.9	1,684.7	364.2	283.9
Other lease revenues from pro- ducing operations.....	..do.....	984.8	111.5	72.3	120.5	122.5	62.4	181.9	161.1	30.8	121.9
Expenditures (capitalized and expensed):											
Exploration expenditures.....	..do.....	25,614.6	640.7	2,751.6	916.5	5,650.3	2,359.9	5,303.8	4,643.4	1,327.0	2,021.4
Drilling and equipping wells <sup>2 3</sup>	..do.....	7,843.3	225.7	1,181.5	352.8	1,494.8	801.7	1,539.9	1,442.4	470.4	334.1
Dry holes.....	..do.....	3,229.9	127.8	709.4	125.5	644.2	228.6	557.6	448.8	189.8	198.2
Oil wells.....	..do.....	1,642.2	69.2	316.4	75.9	333.9	141.3	305.6	227.3	90.8	81.8
Gas wells.....	..do.....	401.8	30.8	46.8	10.7	92.8	22.1	47.3	49.8	28.3	73.3
Work-in-progress adjustment..	..do.....	762.6	28.7	254.2	21.5	163.3	33.5	81.7	91.8	62.5	25.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	-0.9	92.1	17.4	54.3	31.7	123.0	79.9	8.2	17.8
Land department leasing and scouting.....	..do.....	2,587.1	44.3	265.2	145.8	420.8	352.8	508.8	586.6	201.6	61.2
Geological and geophysical.....	..do.....	164.1	8.0	27.1	3.8	40.3	18.4	38.2	17.9	3.4	7.0
Lease rents.....	..do.....	856.1	17.2	65.1	20.4	193.2	108.0	224.6	177.9	27.7	21.9
Test hole contributions.....	..do.....	245.8	12.1	39.1	9.9	41.1	31.4	39.9	46.9	9.5	15.9
Other exploration expenditures, including direct overhead.....	..do.....	32.7	(D)	1.2	0.2	5.0	5.5	10.1	7.9	1.8	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	(D)	32.8	19.9	55.0	35.4	42.0	88.0	14.7	(D)
Development expenditures.....	..do.....	422.4	8.9	41.6	27.2	95.2	21.7	118.7	68.5	21.8	18.8
Drilling and equipping wells <sup>2 3</sup>	..do.....	9,067.7	213.1	1,021.0	290.1	2,011.2	765.7	1,873.2	1,700.3	397.1	796.0
Dry holes.....	..do.....	5,663.3	161.5	793.8	203.5	1,140.7	514.6	1,147.1	1,128.9	236.0	337.2
Oil wells.....	..do.....	647.3	19.6	117.2	28.9	133.2	67.4	104.2	106.0	34.1	36.7
Gas wells.....	..do.....	2,337.4	58.1	102.0	74.1	416.9	172.4	513.5	472.5	114.6	413.4
Work-in-progress adjustment..	..do.....	2,124.4	60.3	498.0	88.6	459.3	214.6	357.5	340.7	69.8	35.6
Lease equipment <sup>4</sup> .....	..do.....	554.2	23.5	76.7	11.8	131.4	60.2	172.0	209.7	17.5	-148.5
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	33.4	130.7	43.8	445.1	138.3	350.6	272.8	83.2	115.5
Fluid injection and improved recovery programs.....	..do.....	273.1	(D)	31.3	29.0	79.4	4.6	31.4	20.6	7.0	(D)
Other development expenditures, including direct overhead.....	..do.....	461.4	(D)	12.8		126.6	33.3	140.4	91.5	20.5	33.1
General and administrative overhead not reported elsewhere.....	..do.....	672.3	5.5	17.4	90.3	39.5	109.6	161.5	25.5	(D)	(D)
Production expenditures.....	..do.....	384.1	9.3	35.0	13.9	129.2	35.4	94.2	25.0	24.8	17.4
Direct operating expenditures..	..do.....	8,703.6	201.9	549.1	273.6	2,144.2	792.5	1,890.7	1,500.7	459.6	891.3
Operating and maintenance....	..do.....	5,262.0	117.9	319.7	147.1	1,112.0	507.3	1,220.3	938.7	293.6	605.5
Well workovers.....	..do.....	4,236.9	93.8	253.8	120.1	855.7	409.3	977.2	764.5	250.1	512.3
Other direct expenses.....	..do.....	698.9	19.3	43.8	17.0	237.3	50.2	130.0	125.1	27.3	49.0
Indirect operating expenditures	..do.....	326.2	4.8	22.1	10.0	19.0	47.7	113.1	49.1	16.1	44.2
Taxes (excluding income taxes)	..do.....	3,441.6	84.0	229.4	126.5	1,032.2	285.2	670.4	562.0	166.1	285.8
General and administrative overhead.....	..do.....	2,100.1	39.6	149.7	65.4	569.6	199.1	432.4	386.5	96.4	161.2
Other indirect expenses.....	..do.....	905.9	28.9	62.0	61.1	462.6	86.1	171.6	175.5	49.9	87.2
	..do.....	435.7	15.5	17.7				66.4		19.8	37.4

See footnotes at end of table.

Table 14. Detailed Statistics Grouped by Oil Lease Specialization Ratios: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Drilling statistics:											
Exploration dry holes:											
Expenditures.....	Mil. dol....	1,642.2	69.2	316.4	75.9	333.9	141.3	305.6	227.3	90.8	81.8
Number of wells.....	Number.....	5,274	570	1,109	152	676	279	505	514	269	1,200
Total footage drilled.....	Thou. ft....	32,323	3,451	6,029	1,194	5,801	2,210	3,753	3,302	1,868	4,715
Exploration oil wells:											
Expenditures.....	Mil. dol....	401.8	30.8	46.8	10.7	92.8	22.1	47.3	49.8	28.3	73.3
Number of wells.....	Number.....	1,946	148	196	27	252	82	181	156	177	728
Total footage drilled.....	Thou. ft....	9,716	707	1,031	189	1,461	449	1,043	992	879	2,965
Exploration gas wells:											
Expenditures.....	Mil. dol....	762.6	28.7	254.2	21.5	163.3	33.5	81.7	91.8	62.5	25.4
Number of wells.....	Number.....	1,668	115	353	63	390	47	173	150	203	173
Total footage drilled.....	Thou. ft....	11,442	647	2,807	343	2,978	452	1,393	1,122	1,052	648
Development dry holes:											
Expenditures.....	Mil. dol....	647.3	19.6	117.2	28.9	133.2	67.4	104.2	106.0	34.1	36.7
Number of wells.....	Number.....	4,007	365	820	65	589	358	387	536	216	671
Total footage drilled.....	Thou. ft....	21,212	1,243	5,501	462	3,428	1,723	2,562	2,661	1,233	2,399
Development oil wells:											
Expenditures.....	Mil. dol....	2,337.4	58.1	102.0	74.1	416.9	172.4	513.5	472.5	114.6	413.4
Number of wells.....	Number.....	11,370	476	612	148	1,865	738	2,139	2,129	568	2,695
Total footage drilled.....	Thou. ft....	51,757	2,929	2,621	893	9,799	3,232	9,663	10,687	3,361	8,572
Development gas wells:											
Expenditures.....	Mil. dol....	2,124.4	60.3	498.0	88.6	459.3	214.6	357.5	340.7	69.8	35.6
Number of wells.....	Number.....	6,102	361	1,813	245	985	589	763	766	259	321
Total footage drilled.....	Thou. ft....	35,926	1,862	9,039	1,254	7,484	3,343	4,983	4,662	1,559	1,740
Expenditures for platforms, total..	Mil. dol....	603.7	16.1	83.8	24.7	143.0	59.6	162.7	66.8	27.2	19.9
Drilling platforms <sup>3</sup> .....	..do.....	373.4	10.4	42.0	24.7	87.5	31.8	115.3	51.9	27.1	19.9
Production platforms <sup>4</sup> .....	..do.....	230.3	5.7	41.8		55.5	27.8	47.3	15.0		
Gross book value of fixed assets (beginning of year) <sup>5</sup> :											
Oil and gas field properties.....	..do.....	81,758.8	2,140.9	8,128.2	3,433.9	17,775.3	8,296.1	17,677.6	15,557.2	3,765.8	4,983.9
Buildings, other structures, and machinery.....	..do.....	79,666.7	1,994.3	7,880.7	3,387.1	17,366.9	8,215.2	17,364.8	15,070.2	3,607.6	4,779.9
Capitalized expenditures.....	..do.....	2,092.1	146.6	247.5	46.7	408.3	80.9	312.9	487.0	158.2	204.0
Oil and gas field properties.....	..do.....	13,925.1	489.6	1,952.7	572.4	2,905.2	1,218.8	2,627.7	2,407.7	755.4	995.5
Buildings, other structures, and machinery.....	..do.....	13,514.3	444.4	1,919.5	565.3	2,784.1	1,201.6	2,554.9	2,346.7	732.4	965.6
Retirement and dispositions.....	..do.....	410.8	45.2	33.3	7.1	121.2	17.2	72.8	61.0	23.1	29.9
Oil and gas properties.....	..do.....	3,326.5	85.1	375.1	118.4	881.0	189.2	939.9	503.3	129.2	105.3
Buildings, other structures, and machinery.....	..do.....	3,247.5	79.2	356.8	116.5	866.6	184.1	921.3	503.3	129.2	98.5
	..do.....	79.0	6.0	18.2	1.9	14.5	5.0	18.6		6.8	
Gross book value of fixed assets (end of year):											
Oil and gas field properties.....	..do.....	92,357.5	2,545.4	9,705.9	3,887.9	19,799.5	9,325.8	19,365.4	17,461.6	4,392.0	5,874.1
Buildings, other structures, and machinery.....	..do.....	89,933.7	2,359.5	9,443.3	3,835.9	19,284.5	9,232.7	18,998.4	16,917.9	4,214.4	5,647.0
Depletion, depreciation and amortization of fixed assets:		2,423.9	185.9	262.6	52.0	515.0	93.1	367.0	543.7	177.6	227.0
Cost during 1977.....	..do.....	5,512.2	140.0	562.9	208.3	1,117.3	559.2	1,321.0	978.3	293.9	331.4
Oil and gas field properties...	..do.....	5,356.1	127.2	551.5	203.8	1,091.8	549.5	1,289.4	944.2	285.6	313.2
Buildings, other structures and machinery.....	..do.....	156.2	12.8	11.5	4.5	25.5	9.6	31.7	34.1	8.3	18.2
Accumulated cost, end of 1977....	..do.....	40,139.8	975.6	3,241.4	1,439.6	8,008.4	4,687.6	9,243.6	8,489.2	2,091.0	1,963.4
Oil and gas field properties...	..do.....	39,051.7	914.3	3,154.3	1,418.6	7,760.9	4,648.3	9,091.1	8,200.8	2,003.6	1,859.7
Buildings, other structures and machinery.....	..do.....	1,088.0	61.3	87.1	20.9	247.4	39.4	152.5	288.3	87.4	103.7

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Oil lease specialization ratios were derived by dividing the sum of total liquid and gas revenues from oil leases by the sum of total liquid and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>5</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 15. Detailed Statistics Grouped by Gas Lease Specialization Ratios: 1977

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	2,351.7	110.7	806.7	931.7	310.5	77.8	26.3	55.2	11.7	21.1
From stripper well leases.....	..do.....	294.0	52.8	103.4	71.9	39.3	11.5	2.7	8.0	1.6	2.6
Lease condensate.....	..do.....	112.4	1.3	23.7	37.4	16.9	9.6	3.3	9.5	2.1	8.6
Natural gas.....	Bil. cu. ft.	15,399.8	271.1	3,201.4	5,369.2	2,406.5	1,051.2	309.2	1,226.8	320.2	1,244.1
Lease revenues.....											
Crude petroleum and condensate...	Mil. dol....	33,598.9	1,525.4	9,270.4	12,400.8	4,371.5	1,923.4	550.5	1,518.7	420.6	1,617.7
Crude petroleum.....	..do.....	19,547.5	1,154.5	6,617.2	7,601.3	2,427.6	722.4	230.0	515.0	91.8	187.7
Crude petroleum.....	..do.....	18,539.4	1,145.7	6,415.7	7,266.3	2,269.6	628.7	201.0	429.3	72.8	110.2
Lease condensate.....	..do.....	1,008.2	8.8	201.4	335.0	157.9	93.8	29.0	85.7	19.0	77.5
Natural gas.....	..do.....	12,918.1	247.2	2,414.7	4,539.3	1,771.2	1,056.5	288.2	955.7	310.6	1,334.7
Income from oil and gas royalties	..do.....	984.8	108.2	203.1	238.7	141.3	136.1	30.8	26.0	15.3	85.4
Other lease revenues from producing operations.....	..do.....	148.5	15.4	35.4	21.5	31.5	8.4	1.6	22.0	3.0	9.8
Expenditures (capitalized and expensed).....											
Exploration expenditures.....	..do.....	25,614.6	920.8	6,760.5	8,820.5	3,381.0	1,549.4	514.3	1,710.6	401.0	1,556.5
Drilling and equipping wells <sup>2 3</sup>	..do.....	7,843.3	252.7	1,666.8	2,560.8	1,135.8	548.9	164.7	714.2	166.4	633.1
Dry holes.....	..do.....	3,229.9	151.0	683.0	912.5	350.9	241.2	84.7	319.1	93.2	394.3
Oil wells.....	..do.....	1,642.2	66.2	345.5	526.5	201.6	112.7	44.3	135.2	36.4	173.7
Gas wells.....	..do.....	401.8	36.3	118.1	111.5	41.2	37.3	13.6	18.6	8.8	16.4
Work-in-progress adjustment..	..do.....	762.6	22.7	77.6	159.6	83.3	78.0	26.9	121.9	25.4	167.3
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	25.8	141.9	114.9	24.8	13.1	(2)	43.4	22.6	36.9
Land department leasing and scouting.....	..do.....	2,587.1	49.3	516.0	872.4	506.7	199.8	43.1	223.5	26.2	150.1
Geological and geophysical.....	..do.....	164.1	8.9	32.9	47.8	30.4	13.7	2.4	13.2	3.7	11.0
Lease rents.....	..do.....	856.1	18.9	204.1	353.3	128.0	38.2	7.0	70.3	12.5	23.9
Test hole contributions.....	..do.....	245.8	9.7	54.1	75.4	33.2	17.1	7.4	22.9	5.8	20.2
Other exploration expenditures, including direct overhead.....	..do.....	32.7	0.1	6.7	19.2	5.3	0.3	6.2	0.4	9.3	0.4
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	6.9	37.0	130.8	53.4	26.6				
Development expenditures.....	..do.....	422.4	7.8	133.0	149.3	27.9	12.0	14.0	42.3		
Drilling and equipping wells <sup>2 3</sup>	..do.....	9,067.7	249.9	2,359.3	3,114.0	1,187.0	598.5	194.2	637.3	145.6	581.9
Dry holes.....	..do.....	5,663.3	169.1	1,247.4	1,860.2	806.6	429.1	153.7	426.3	91.3	479.7
Oil wells.....	..do.....	647.3	23.5	129.8	168.6	94.3	42.0	24.4	62.0	12.0	90.7
Gas wells.....	..do.....	2,337.4	80.9	935.3	700.3	284.8	171.9	30.0	89.1	12.9	32.3
Work-in-progress adjustment..	..do.....	2,124.4	42.8	334.1	601.2	312.3	183.4	89.0	194.3	54.9	312.4
Lease equipment <sup>4</sup> .....	..do.....	554.2	21.9	-151.8	390.1	115.1	31.9	10.4	80.8	11.5	44.3
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	60.8	407.7	650.2	193.3	100.0	19.4	103.2	26.4	52.5
Fluid injection and improved recovery programs.....	..do.....	273.1	5.7	81.7	51.9	32.2	17.3	11.0	44.8	15.2	2.7
Other development expenditures, including direct overhead.....	..do.....	461.4	2.5	164.2	226.9	43.0	13.8				
General and administrative overhead not reported elsewhere.....	..do.....	672.3	4.6	340.4	209.2	62.5	19.8				
Production expenditures.....	..do.....	384.2	7.2	117.8	115.6	49.5	18.6	10.1	39.6	12.6	13.1
Direct operating expenditures..	..do.....	8,703.6	418.2	2,734.4	3,145.8	1,058.2	402.0	155.4	359.1	89.0	341.5
Operating and maintenance....	..do.....	5,262.0	295.9	1,700.8	1,860.9	668.8	235.4	88.1	192.0	42.2	177.9
Well workovers.....	..do.....	4,236.9	225.0	1,343.4	1,528.5	543.1	190.1	69.8	164.1	36.8	136.1
Other direct expenses.....	..do.....	698.9	40.8	244.1	250.1	69.7	36.9	18.3	18.9	5.4	27.8
Indirect operating expenditures	..do.....	326.2	30.1	113.3	82.4	56.0	8.4				
Taxes (excluding income taxes)	..do.....	3,441.6	122.3	1,033.7	1,284.8	389.4	166.7	67.3	167.1	46.7	163.6
General and administrative overhead.....	..do.....	2,100.1	66.3	643.1	789.2	282.2	78.3	27.7	97.7	29.7	85.9
Other indirect expenses.....	..do.....	905.9	39.1	334.0	250.6	107.2	88.4	39.6	69.4	16.6	49.3
	..do.....	435.7	16.8	56.6	245.0						

See footnotes at end of table.



Table 15. Detailed Statistics Grouped by Gas Lease Specialization Ratios: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Drilling statistics:											
Exploration dry holes:											
Expenditures.....	Mil. dol....	1,642.2	66.2	345.5	526.5	201.6	112.7	44.3	135.2	36.4	173.7
Number of wells.....	Number.....	5,274	690	1,413	737	471	245	213	445	183	878
Total footage drilled.....	Thou. ft....	32,323	3,829	7,084	5,777	3,090	1,876	1,422	4,338	1,149	3,758
Exploration oil wells:											
Expenditures.....	Mil. dol....	401.8	36.3	118.1	111.5	41.2	37.3	13.6	18.6	8.8	16.4
Number of wells.....	Number.....	1,946	327	804	254	156	132	58	78	33	105
Total footage drilled.....	Thou. ft....	9,716	1,368	3,607	1,579	966	781	251	452	193	519
Exploration gas wells:											
Expenditures.....	Mil. dol....	762.6	22.7	77.6	159.6	83.3	78.0	26.9	121.9	25.4	167.3
Number of wells.....	Number.....	1,668	47	347	301	154	113	77	250	78	303
Total footage drilled.....	Thou. ft....	11,442	376	1,722	2,240	1,026	944	448	2,141	384	2,161
Development dry holes:											
Expenditures.....	Mil. dol....	647.3	23.5	129.8	168.6	94.3	42.0	24.4	62.0	12.0	90.7
Number of wells.....	Number.....	4,007	307	794	719	551	150	139	367	65	915
Total footage drilled.....	Thou. ft....	21,212	1,390	3,616	4,088	2,731	1,017	871	2,077	273	5,149
Development oil wells:											
Expenditures.....	Mil. dol....	2,337.4	80.9	935.3	700.3	284.8	171.9	30.0	89.1	12.9	32.3
Number of wells.....	Number.....	11,370	960	4,176	3,128	1,687	578	205	319	58	258
Total footage drilled.....	Thou. ft....	51,757	4,616	16,182	15,939	7,498	3,039	897	2,287	313	986
Development gas wells:											
Expenditures.....	Mil. dol....	2,124.4	42.8	334.1	601.2	312.3	183.4	89.0	194.3	54.9	312.4
Number of wells.....	Number.....	6,102	295	752	1,248	723	466	298	652	274	1,393
Total footage drilled.....	Thou. ft....	35,926	1,795	4,972	8,346	4,330	2,503	1,646	4,510	1,083	6,741
Expenditures for platforms, total..	Mil. dol....	603.7	14.1	119.3	229.5	76.3	77.1	13.4	56.7		17.1
Drilling platforms <sup>2</sup> .....	..do.....	373.4		70.9	157.6	44.3	52.7	9.3			2.5
Production platforms <sup>4</sup> .....	..do.....	230.3	14.1	48.4	71.9	32.1	24.4	4.1	43.0	13.8	14.7
Gross book value of fixed assets (beginning of year) <sup>5</sup> .....	..do.....	81,758.8	2,382.6	23,332.7	28,087.1	11,800.4	5,025.9	1,408.8	4,334.0	1,290.6	4,096.7
Oil and gas field properties.....	..do.....	79,666.7	2,282.0	22,569.3	27,388.9	11,607.3	4,980.4	1,380.6	4,230.4	1,275.2	3,952.6
Buildings, other structures, and machinery.....	..do.....	2,092.1	100.6	763.4	698.2	193.2	45.5	28.2	103.6	15.4	144.1
Capitalized expenditures.....	..do.....	13,925.1	478.0	3,609.4	4,150.1	1,962.5	1,015.4	265.8	1,059.4	337.0	1,047.6
Oil and gas field properties.....	..do.....	13,514.3	469.2	3,434.7	4,030.5	1,941.4	1,002.5	262.5	1,038.5	333.2	1,001.9
Buildings, other structures, and machinery.....	..do.....	410.8	8.8	174.7	119.6	21.1	12.9	3.3	20.9	3.8	45.8
Retirement and dispositions.....	..do.....	3,326.5	78.2	1,240.1	963.5	465.0	181.1	30.9	160.2	29.8	177.7
Oil and gas properties.....	..do.....	3,247.5	77.1	1,213.5	943.6	457.4	177.4	29.7	156.1	29.4	163.4
Buildings, other structures, and machinery.....	..do.....	79.0	1.2	26.6	19.9	7.6	3.7	1.2	4.0	0.5	14.2
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	2,782.4	25,702.0	31,273.7	13,297.9	5,860.2	1,643.6	5,233.3	1,597.8	4,966.7
Oil and gas field properties.....	..do.....	89,933.7	2,674.1	24,790.5	30,475.9	13,091.3	5,805.5	1,613.4	5,112.8	1,579.0	4,791.1
Buildings, other structures, and machinery.....	..do.....	2,423.9	108.2	911.4	797.9	206.6	54.7	30.2	120.5	18.7	175.7
Depletion, depreciation and amortization of fixed assets:											
Cost during 1977.....	..do.....	5,512.2	152.8	1,521.5	1,836.1	836.4	366.2	121.5	313.1	99.6	264.8
Oil and gas field properties...	..do.....	5,356.1	145.2	1,467.2	1,782.3	821.8	361.9	118.0	305.3	98.6	255.8
Buildings, other structures and machinery.....	..do.....	156.2	7.6	54.4	53.8	14.6	4.3	3.6	7.8	1.0	9.0
Accumulated cost, end of 1977....	..do.....	40,139.8	1,066.4	11,085.5	14,669.7	6,998.5	1,741.8	648.7	1,714.7	674.9	1,539.6
Oil and gas field properties.....	..do.....	39,051.7	1,011.3	10,693.8	14,256.7	6,912.4	1,718.2	637.7	1,665.1	667.3	1,489.3
Buildings, other structures and machinery.....	..do.....	1,088.0	55.1	391.7	413.0	86.1	23.6	11.1	49.5	7.6	50.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Gas lease specialization ratios were derived by dividing the sum of total liquids and gas revenues from gas leases by the sum of total liquids and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas well completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping wells expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>5</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 16. Detailed Statistics by Lease Classification and Total Lease Revenues Rank:  
1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company ranked by total leases revenues				
			First 8 companies	9-16 companies	17-50 companies	51-200 companies	All other companies
OIL LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	1,793.1	872.0	352.4	236.3	127.6	204.8
From stripper well leases.....	..do.....	270.6	69.8	39.8	35.7	24.9	100.4
Natural gas.....	Bil. cu. ft..	1,539.0	846.5	234.1	188.3	128.3	141.8
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	14,639.0	6,811.0	2,651.5	1,908.3	1,170.0	2,098.2
Crude petroleum.....	..do.....	14,639.0	6,811.0	2,651.5	1,908.3	1,170.0	2,098.2
Natural gas.....	..do.....	1,243.1	647.8	156.0	180.5	120.5	138.3
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	969.9	373.2	43.4	163.4	158.9	231.0
Dry holes.....	..do.....	579.1	250.9	30.8	112.2	86.1	99.1
Oil.....	..do.....	325.8	69.3	21.5	47.5	62.8	124.7
Work-in-progress adjustment.....	..do.....	7.5	-4.6	-9.0	3.7	10.0	7.4
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	2,171.0	842.3	334.5	380.5	298.6	315.1
Dry holes.....	..do.....	208.2	57.6	28.8	24.7	38.0	59.1
Oil wells.....	..do.....	1,945.9	711.9	256.2	480.2	247.7	249.9
Work-in-progress adjustment.....	..do.....	16.9	72.9	49.4	-124.5	12.9	6.2
Production expenditures:							
Direct operating expenditures.....	..do.....	3,394.4	1,460.6	672.8	413.2	278.1	569.7
Operating and maintenance.....	..do.....	2,814.7	1,155.6	598.6	369.2	228.4	462.9
Workovers.....	..do.....	347.5	169.0	57.2	28.0	33.0	60.3
Other direct expenses.....	..do.....	232.2	136.0	17.0	16.1	16.6	46.5
GAS LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	81.6	28.0	16.5	16.5	9.9	10.7
From stripper well leases.....	..do.....	0.9	0.1	0.2	0.4	0.1	0.1
Lease condensate.....	..do.....	81.0	28.0	16.5	16.1	9.8	10.6
Natural gas.....	Bil. cu. ft..	10,155.2	3,846.8	1,940.0	1,819.6	1,308.3	1,240.5
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	739.1	255.1	148.9	145.0	95.4	94.7
Lease condensate.....	..do.....	739.1	255.1	148.9	145.0	95.4	94.7
Natural gas.....	..do.....	8,533.7	3,071.5	1,403.9	1,638.9	1,220.1	1,199.3
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	1,451.0	308.8	132.7	303.4	420.6	285.5
Dry holes.....	..do.....	595.3	137.1	78.2	91.3	182.7	106.0
Gas wells.....	..do.....	680.9	88.1	41.9	185.8	208.3	156.8
Work-in-progress adjustment.....	..do.....	174.6	83.3	12.7	26.3	29.6	22.7
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	2,503.6	750.0	428.1	510.8	448.2	366.5
Dry holes.....	..do.....	331.2	89.8	37.2	62.6	69.9	71.7
Gas.....	..do.....	1,854.3	540.9	311.9	382.3	344.0	275.2
Work-in-progress adjustment.....	..do.....	318.1	119.3	79.0	65.9	34.3	19.6
Production expenditures:							
Direct operating expenditures.....	..do.....	819.7	215.0	94.2	165.3	149.7	195.5
Operating and maintenance.....	..do.....	631.9	143.1	73.5	106.1	115.1	194.1
Workovers.....	..do.....	131.2	54.6	18.9	14.8	16.6	26.3
Other direct expenses.....	..do.....	56.6	17.3	1.8	4.3	18.0	15.2

See footnotes at end of table.

Table 16. Detailed Statistics by Lease Classification and Total Lease Revenues Rank:  
1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company ranked by total leases revenues				
			First 8 companies	9-16 companies	17-50 companies	51-200 companies	All other companies
COMBINED LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	477.0	269.6	80.9	62.7	30.6	33.2
From stripper well leases.....	..do.....	22.5	6.8	3.2	3.7	3.2	5.6
Lease condensate.....	..do.....	31.4	18.3	4.0	5.1	1.9	2.1
Natural gas.....	Bil. cu. ft..	3,705.5	2,262.4	601.4	389.3	220.4	232.0
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	4,169.5	2,382.9	639.5	547.9	300.3	298.9
Crude petroleum.....	..do.....	3,900.3	2,225.6	606.8	505.4	282.0	280.5
Lease condensate.....	..do.....	269.1	157.3	32.7	42.5	18.3	18.3
Natural gas.....	..do.....	3,141.2	1,855.2	495.6	362.1	200.1	228.2
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	691.6	179.7	72.7	146.9	64.9	227.4
Dry holes.....	..do.....	328.9	37.6	59.1	95.8	41.5	94.9
Oil wells.....	..do.....	76.0	5.3	1.3	12.7	11.7	45.0
Gas wells.....	..do.....	81.7	4.3	2.1	31.2	8.6	35.5
Work-in-progress adjustment.....	..do.....	202.7	130.2	10.2	7.2	3.1	52.0
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	988.6	449.6	99.3	169.1	123.7	146.9
Dry holes.....	..do.....	107.8	35.7	21.4	17.6	12.1	21.0
Oil wells.....	..do.....	391.6	178.5	20.7	49.8	61.4	81.2
Gas wells.....	..do.....	270.1	104.4	15.4	80.1	42.6	27.6
Work-in-progress adjustment.....	..do.....	219.2	131.0	41.8	21.7	7.6	17.1
Production expenditures:							
Direct operating expenditures.....	..do.....	1,047.9	624.2	155.3	116.4	75.7	76.3
Operating and maintenance.....	..do.....	790.2	442.8	131.7	93.9	60.3	61.5
Workovers.....	..do.....	220.2	158.7	21.6	21.2	5.8	12.9
Other direct expenses.....	..do.....	37.4	22.8	2.0	1.3	9.6	1.7

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

Table 17. Gross Operator Drilling Statistics for Oil, Gas and Dry Wells: Companies Ranked by Crude Petroleum, Condensate, and Natural Gas Sales: 1977

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
Total.....	30,630	177,721	5,802	9,024.6	295	50.78
Exploration, total.....	8,952	59,112	6,603	3,291.7	368	55.68
Companies:						
1 - 8.....	738	6,171	8,362	792.2	1,073	128.37
9 - 16.....	205	1,978	9,649	265.3	1,294	134.14
17 - 32.....	425	4,158	9,784	397.7	936	95.65
33 - 50.....	291	3,492	12,000	300.2	1,032	85.97
51 - 100.....	846	6,876	8,128	364.2	430	52.97
101 - 150.....	708	5,157	7,284	211.5	299	41.01
151 - 200.....	495	3,179	6,422	114.7	232	36.08
All other companies.....	5,244	28,101	5,359	845.8	161	30.10
Oil wells.....	2,149	11,587	5,392	450.9	210	38.91
Companies:						
1 - 8.....	85	523	6,153	69.2	814	132.31
9 - 16.....	26	217	8,346	17.3	665	79.72
17 - 32.....	58	512	8,828	34.6	597	67.58
33 - 50.....	25	301	12,040	22.1	884	73.42
51 - 100.....	107	897	8,383	39.8	372	44.37
101 - 150.....	165	1,019	6,176	31.4	190	30.81
151 - 200.....	109	704	6,459	20.4	187	28.98
All other companies.....	1,574	7,414	4,710	216.1	137	29.15
Gas wells.....	1,729	12,753	7,376	909.8	526	71.34
Companies:						
1 - 8.....	121	1,191	9,843	113.5	938	95.30
9 - 16.....	38	400	10,526	78.3	2,061	195.75
17 - 32.....	118	1,293	10,958	171.7	1,455	132.79
33 - 50.....	63	959	15,222	107.9	1,713	112.51
51 - 100.....	231	1,746	7,558	140.8	610	80.64
101 - 150.....	114	797	6,991	47.1	413	59.10
151 - 200.....	104	698	6,712	20.5	197	29.37
All other companies.....	940	5,669	6,031	230.1	245	40.59
Dry holes.....	5,074	34,772	6,853	1,931.0	381	55.53
Companies:						
1 - 8.....	532	4,457	8,378	609.5	1,146	136.75
9 - 16.....	141	1,361	9,652	169.7	1,204	124.69
17 - 32.....	249	2,353	9,450	191.5	769	81.39
33 - 50.....	203	2,232	10,995	170.2	838	76.25
51 - 100.....	508	4,233	8,333	183.5	361	43.35
101 - 150.....	429	3,341	7,788	133.0	310	39.81
151 - 200.....	282	1,777	6,301	73.8	262	41.53
All other companies.....	2,730	15,018	5,501	399.7	146	26.61
Development, total.....	21,678	118,609	5,471	5,732.8	264	48.33
Companies:						
1 - 8.....	4,267	25,433	5,960	1,806.9	423	71.05
9 - 16.....	1,809	9,490	5,246	771.2	426	81.26
17 - 32.....	1,319	9,354	7,092	679.9	515	72.69
33 - 50.....	2,114	9,659	4,569	483.7	229	50.08
51 - 100.....	1,970	12,809	6,502	559.0	284	43.64
101 - 150.....	1,553	8,868	5,710	259.8	167	29.30
151 - 200.....	790	5,018	6,352	190.8	242	38.02
All other companies.....	7,855	37,978	4,835	981.4	125	25.84
Oil wells.....	11,117	55,343	4,978	2,373.5	213	42.89
Companies:						
1 - 8.....	2,921	14,952	5,119	911.3	312	60.95
9 - 16.....	1,325	5,389	4,067	334.7	253	62.11
17 - 32.....	546	3,103	5,683	188.3	345	60.68
33 - 50.....	984	3,433	3,489	220.9	224	64.35
51 - 100.....	774	4,863	6,283	156.4	202	32.16
101 - 150.....	778	4,347	5,587	96.1	123	22.11
151 - 200.....	347	2,616	7,538	91.4	263	34.94
All other companies.....	3,441	16,640	4,836	374.5	108	22.51
Gas wells.....	6,654	41,582	6,249	2,531.1	380	60.87
Companies:						
1 - 8.....	936	7,304	7,803	697.9	746	95.55
9 - 16.....	342	2,968	8,678	341.8	999	115.16
17 - 32.....	623	4,996	8,019	441.5	709	88.37
33 - 50.....	864	4,270	4,942	200.7	232	47.00
51 - 100.....	857	5,521	6,442	266.3	311	48.23
101 - 150.....	485	2,855	5,887	118.2	244	41.40
151 - 200.....	287	1,549	5,397	74.0	258	47.77
All other companies.....	2,260	12,119	5,362	390.7	173	32.24
Dry holes.....	3,907	21,684	5,550	828.2	212	38.19
Companies:						
1 - 8.....	410	3,177	7,749	197.8	482	62.26
9 - 16.....	142	1,133	7,979	94.7	667	83.58
17 - 32.....	150	1,255	8,367	50.1	334	39.92
33 - 50.....	266	1,956	7,353	62.1	233	31.75
51 - 100.....	339	2,425	7,153	136.4	402	56.25
101 - 150.....	290	1,666	5,745	45.6	157	27.37
151 - 200.....	156	853	5,467	25.4	163	29.78
All other companies.....	2,154	9,219	4,280	216.1	100	23.44

**Table 18. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class					
			.000 to .199	.200 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
Sales volumes:								
Crude petroleum and condensate...	Mil. bbl....	2,351.7	(D)	180.9	(D)	1,227.5	361.4	399.1
From stripper well leases.....	..do.....	294.0	20.7	20.3	9.5	104.5	52.8	86.2
Lease condensate.....	..do.....	112.4	0.1	6.4	5.3	56.3	15.8	28.4
Natural gas.....	Bil. cu. ft.	15,399.8	259.9	790.5	634.4	7,654.9	2,312.3	3,747.8
Lease revenues.....								
Crude petroleum and condensate...	Mil. dol....	33,598.9	563.2	2,015.1	1,893.4	16,590.0	5,086.2	7,451.2
Crude petroleum.....	..do.....	19,547.5	340.4	1,324.5	1,218.6	9,907.6	3,086.8	3,669.6
Lease condensate.....	..do.....	18,539.4	340.4	1,264.8	1,218.6	9,407.9	2,945.4	3,407.6
Natural gas.....	..do.....	1,008.2						
Income from oil and gas royalties	..do.....	12,918.1	(D)	614.9	(D)	6,260.4	1,804.0	3,477.2
Other lease revenues from producing operations.....	..do.....	984.8	56.6	66.4	64.1	389.6	166.0	242.0
		148.5	(D)	9.3	(D)	32.3	29.4	62.3
Expenditures (capitalized and expensed).....								
Exploration expenditures.....	..do.....	25,614.6	317.1	1,832.9	1,455.9	11,496.4	3,860.3	6,652.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	30.7	585.2	515.0	3,146.0	1,248.8	2,317.5
Dry holes.....	..do.....	3,229.9		110.8	171.0	975.3	500.2	1,472.7
Oil wells.....	..do.....	1,642.2		71.5	54.0	576.7	262.6	677.4
Gas wells.....	..do.....	401.8		10.0	9.7	91.0	51.4	239.6
Work-in-progress adjustment.....	..do.....	762.6		15.4	21.6	146.1	131.5	448.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	1.9	12.0	85.8	161.5	54.7	107.5
Land department leasing and scouting.....	..do.....	2,587.1	(D)	379.6	(D)	1,247.5	363.6	431.1
Geological and geophysical.....	..do.....	164.1	5.2	38.5	98.0	69.2	27.6	48.5
Lease rents.....	..do.....	856.1						
Test hole contributions.....	..do.....	245.8	1.8	11.9	8.2	86.9	55.8	81.2
Other exploration expenditures, including direct overhead.....	..do.....	32.7	(D)	1.5	(D)	18.4	7.5	3.1
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	(D)	19.8	(D)	125.9	92.2	64.1
		422.4	(D)	28.3	(D)	137.4	80.0	90.9
Development expenditures.....								
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,067.7	30.7	698.1	457.4	4,014.0	1,366.1	2,501.4
Dry holes.....	..do.....	5,663.3	1.5	231.2	203.2	2,294.8	923.4	2,009.3
Oil wells.....	..do.....	647.3	.5	20.7	17.9	221.7	103.3	283.2
Gas wells.....	..do.....	2,337.4		502.1		819.9	315.6	700.0
Work-in-progress adjustment.....	..do.....	2,124.4		98.1		814.9	332.1	879.3
Lease equipment <sup>3</sup> .....	..do.....	554.2		-151.0	-52.3	438.2	172.4	146.8
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5		105.2		844.6	255.1	266.8
Fluid injection and improved recovery programs.....	..do.....	273.1	27.2	87.3	150.2	55.2	40.4	54.5
Other development expenditures, including direct overhead.....	..do.....	461.4	(D)	(D)	(D)	333.9	43.2	91.4
General and administrative overhead not reported elsewhere.....	..do.....	672.3	(D)	(D)	1.9	306.5	75.9	
		384.1	(D)	24.3	(D)	179.0	28.2	79.3
Production expenditures.....								
Direct operating expenditures.....	..do.....	8,703.6	255.7	549.5	483.5	4,336.4	1,245.4	1,833.1
Operating and maintenance.....	..do.....	5,262.0	163.2	299.8	261.7	2,657.3	708.7	1,171.2
Well workovers.....	..do.....	4,236.9	141.2	256.1	201.1	2,062.2	581.0	995.3
Other direct expenses.....	..do.....	698.9	17.1	43.8	60.6	420.5	96.5	126.3
Indirect operating expenditures	..do.....	326.2	5.0			174.6	31.1	49.7
Taxes (excluding income taxes)	..do.....	3,441.6	92.5	249.7	221.8	1,679.1	536.8	661.9
General and administrative overhead.....	..do.....	2,100.1	19.5	172.3		1,084.1	310.7	383.3
Other indirect expenses.....	..do.....	905.9	55.0		221.8	366.2	127.6	218.3
		435.7	18.0	77.4		228.8	98.5	60.3

See footnotes at end of table.

**Table 18. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class					
			.000 to .199	.200 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
Drilling statistics:								
Exploration dry holes:								
Expenditures.....	Mill. dol....	1,642.2	125.5			576.7	262.6	677.4
Number of wells.....	Number.....	5,274	416			656	901	3,301
Total footage drilled.....	Thou. ft....	32,323	2,632			5,434	5,264	18,993
Exploration oil wells:								
Expenditures.....	Mill. dol....	401.8	19.7			91.0	51.4	239.6
Number of wells.....	Number.....	1,946	70			123	367	1,387
Total footage drilled.....	Thou. ft....	9,716	385			889	1,525	6,917
Exploration gas wells:								
Expenditures.....	Mill. dol....	762.6	37.0			146.1	131.5	448.1
Number of wells.....	Number.....	1,668	91			196	257	1,125
Total footage drilled.....	Thou. ft....	11,442	925			1,692	1,631	7,194
Development dry holes:								
Expenditures.....	Mill. dol....	647.3	0.5	20.7	17.9	221.7	103.3	283.2
Number of wells.....	Number.....	4,007	5	102	80	806	532	2,483
Total footage drilled.....	Thou. ft....	21,212	22	498	500	4,648	3,096	12,448
Development oil wells:								
Expenditures.....	Mill. dol....	2,337.4	502.1			819.9	315.6	700.0
Number of wells.....	Number.....	11,370	921			3,779	1,906	4,763
Total footage drilled.....	Thou. ft....	51,757	4,294			16,914	8,605	21,944
Development gas wells:								
Expenditures.....	Mill. dol....	2,124.4	98.1			814.9	332.1	879.3
Number of wells.....	Number.....	6,102	341			1,203	1,076	3,482
Total footage drilled.....	Thou. ft....	35,926	2,290			9,243	5,473	18,920
Expenditures for platforms, total..	Mill. dol....	603.7	(D)	19.6	(D)	321.7	87.4	158.5
Drilling platforms <sup>2</sup> .....	..do.....	373.4	.1	19.6	(D)	213.5	53.0	82.9
Production platforms <sup>3</sup> .....	..do.....	230.3	(D)		(D)	108.2	34.4	75.6
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....								
Oil and gas field properties.....	..do.....	81,758.8	894.8	5,421.6	4,760.2	40,008.9	12,292.8	18,380.5
Buildings, other structures, and machinery.....	..do.....	79,666.7	785.8			39,039.6	12,052.3	17,844.2
	..do.....	2,092.1	109.1	5,421.6	4,760.2	969.4	240.5	536.2
Capitalized expenditures.....	..do.....	13,925.1	92.7	1,393.8	634.3	5,836.1	1,996.8	3,971.2
Oil and gas field properties.....	..do.....	13,514.3		1,381.1		5,693.5	1,939.8	3,840.5
Buildings, other structures, and machinery.....	..do.....	410.8	92.7	12.7	634.3	142.6	57.0	130.7
Retirement and dispositions.....	..do.....	3,326.5	14.1	156.3	79.9	1,665.9	512.8	897.6
Oil and gas properties.....	..do.....	3,247.5	13.1	152.2	75.3	1,642.9	498.5	865.4
Buildings, other structures, and machinery.....	..do.....	79.0	1.0	4.1	4.5	22.9	14.3	32.2
Gross book value of fixed assets (end of year).....								
Oil and gas field properties.....	..do.....	92,357.5	973.5	6,659.2	5,314.7	44,179.2	13,776.9	21,454.0
Buildings, other structures, and machinery.....	..do.....	89,933.7	844.6	6,577.2	5,108.7	43,090.1	13,493.8	20,819.3
	..do.....	2,423.9	128.9	82.0	206.0	1,089.1	283.2	634.7
Depletion, depreciation and amortization of fixed assets:								
Cost during 1977.....	..do.....	5,512.2	46.6	350.9	328.3	2,542.5	891.5	1,352.4
Oil and gas field properties.....	..do.....	5,356.1	39.2	346.2	316.4	2,479.7	871.9	1,302.6
Buildings, other structures and machinery.....	..do.....	156.2	7.3	4.7	11.9	62.8	19.7	49.1
Depletion, depreciation and amortization of fixed assets, end of 1977.....								
Oil and gas field properties.....	..do.....	40,139.8	535.6	2,648.9	2,279.3	20,669.3	5,955.6	8,051.1
Buildings, other structures and machinery.....	..do.....	39,051.7	478.0	2,612.6	2,225.2	20,062.0	5,847.6	7,826.3
	..do.....	1,088.0	57.6	36.2	54.1	607.3	108.0	224.7

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 19. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,351.7	90.6	172.2	441.3	660.6	300.1	524.0	130.3	32.7
From stripper well leases.....	..do.....	294.0	57.4	31.3	41.4	56.9	27.9	47.4	21.8	9.9
Lease condensate.....	..do.....	112.4	2.3	9.1	17.6	27.7	17.1	28.2	8.2	2.2
Natural gas.....	Bil. cu. ft.	15,399.8	451.5	1,179.4	2,621.1	4,199.8	2,325.3	3,677.0	780.1	165.6
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	33,598.9	1,394.6	2,446.7	6,074.0	9,066.5	4,355.6	7,672.7	2,117.7	471.2
Crude petroleum.....	..do.....	19,547.5	968.1	1,361.6	3,626.9	5,423.3	2,523.1	4,168.9	1,185.1	290.6
Lease condensate.....	..do.....	18,539.4	951.3	1,282.9	3,475.2	5,162.4	2,366.1	3,914.5	1,110.9	276.1
Natural gas.....	..do.....	1,008.2	16.8	78.7	151.7	260.9	157.0	254.4	74.2	14.5
Income from oil and gas royalties	..do.....	12,918.1	328.0	920.4	2,223.0	3,422.3	1,763.2	3,342.4	750.9	167.9
Other lease revenues from producing operations.....	..do.....	984.8	92.3	145.0	200.9	200.1	63.8	123.3	148.9	10.6
Expenditures (capitalized and expensed).....	..do.....	148.5	6.1	19.7	23.2	20.7	5.4	38.2	32.9	2.1
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	25,614.6	699.5	2,368.7	4,519.1	7,266.9	3,387.5	5,182.8	1,842.0	348.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,843.3	67.8	518.3	1,316.8	2,222.6	972.1	1,757.5	855.0	133.2
Dry holes.....	..do.....	3,229.9	45.1	256.1	462.6	734.0	458.9	715.9	469.8	87.5
Oil wells.....	..do.....	1,642.2	-	52.6	154.2	411.1	230.3	431.8	280.8	81.4
Gas wells.....	..do.....	401.8	31.0	40.8	55.4	49.9	68.2	105.8	44.5	6.3
Work-in-progress adjustment.....	..do.....	762.6	14.1	119.1	88.9	146.5	110.8	176.3	99.7	7.3
Lease and land acquisitions of nonproducing acreage.....	..do.....	423.3	(2)	43.6	164.2	126.4	49.7	2.1	44.8	-7.5
Land department leasing and scouting.....	..do.....	2,587.1	6.0	135.4	433.7	825.0	294.8	646.3	226.8	19.0
Geological and geophysical.....	..do.....	164.1	1.0	17.7	22.9	29.5	19.6	51.3	19.4	2.7
Lease rents.....	..do.....	856.1	2.0	47.5	201.6	307.2	83.7	155.1	52.7	6.3
Test hole contributions.....	..do.....	245.8	3.1	17.7	44.4	74.6	26.7	48.8	26.4	4.1
Other exploration expenditures, including direct overhead.....	..do.....	32.7	0.6	6.7	13.4	1.7	7.8	2.4	(2)	(2)
General and administrative overhead, not reported elsewhere.....	..do.....	305.2	.6	19.2	45.1	118.6	26.8	68.4	22.3	4.2
Development expenditures.....	..do.....	422.4	34.2	99.6	120.2	59.8	64.0	35.2	9.4	9.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,067.7	151.1	1,180.1	1,607.6	2,751.3	1,159.0	1,677.5	482.1	59.0
Dry holes.....	..do.....	5,663.3	102.7	649.4	958.4	1,894.5	738.2	977.1	301.7	41.3
Oil wells.....	..do.....	647.3	-	24.4	94.8	182.9	91.6	139.1	90.2	24.4
Gas wells.....	..do.....	2,337.4	62.8	461.3	444.5	654.8	284.5	326.9	85.3	17.3
Work-in-progress adjustment.....	..do.....	2,124.4	34.7	204.3	381.6	645.0	313.1	420.7	114.7	10.3
Lease equipment <sup>3</sup> .....	..do.....	554.2	5.2	-40.6	37.5	411.8	49.0	90.4	11.4	-10.7
Lease and land acquisitions of producing acreage.....	..do.....	1,613.5	19.1	172.3	272.1	431.7	187.4	412.7	105.4	12.8
Fluid injection and improved recovery programs.....	..do.....	273.1	8.6	90.9	78.2	37.2	16.1	20.2	20.5	1.4
Other development expenditures, including direct overhead.....	..do.....	461.4	10.2	83.6	126.9	96.0	187.6	12.7	3.5	3.5
General and administrative overhead not reported elsewhere.....	..do.....	672.3	6.4	267.6	102.2	188.6	61.7	24.0	17.7	2.8
Production expenditures.....	..do.....	384.2	4.1	113.2	72.4	59.6	80.0	17.7	156.0	156.0
Direct operating expenditures.....	..do.....	8,703.6	480.6	670.3	1,594.7	2,293.0	1,256.4	1,747.7	504.9	100.9
Operating and maintenance.....	..do.....	5,262.0	329.2	409.7	951.4	1,449.9	735.8	971.4	313.7	90.7
Well workovers.....	..do.....	4,236.9	288.8	348.2	749.5	1,166.6	560.1	777.2	255.8	8.6
Other direct expenses.....	..do.....	698.9	28.1	38.4	95.1	184.8	160.8	141.2	41.9	1.6
Indirect operating expenditures	..do.....	326.2	12.3	23.1	106.9	98.5	14.9	52.9	16.0	55.1
Taxes (excluding income taxes)	..do.....	3,441.6	151.4	260.6	643.3	843.0	520.6	776.4	191.2	24.0
General and administrative overhead.....	..do.....	2,100.1	40.2	165.4	385.0	567.1	316.8	488.7	113.0	16.6
Other indirect expenses.....	..do.....	905.9	87.2	80.2	183.7	176.1	189.4	115.6	57.1	14.5
	..do.....	435.7	24.1	15.0	74.5	99.9	14.5	172.1	21.2	

See footnotes at end of table.

Table 19. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1977—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,642.2	-	52.6	154.2	411.1	230.3	431.8	280.8	81.4
Number of wells.....	Number.....	5,274	-	614	563	728	493	871	1,505	501
Total footage drilled.....	Thou. ft....	32,323	-	2,008	3,664	5,293	3,238	6,216	9,411	2,493
Exploration oil wells:										
Expenditures.....	Mil. dol....	401.8	31.0	40.8	55.4	49.9	68.2	105.8	44.5	6.3
Number of wells.....	Number.....	1,946	249	288	271	118	309	247	379	85
Total footage drilled.....	Thou. ft....	9,716	973	1,330	1,224	820	1,731	1,523	1,787	328
Exploration gas wells:										
Expenditures.....	Mil. dol....	762.6	14.1	119.1	88.9	146.5	110.8	176.3	99.7	7.3
Number of wells.....	Number.....	1,668	149	271	181	291	216	285	250	25
Total footage drilled.....	Thou. ft....	11,442	797	1,587	1,418	2,043	1,578	2,205	1,646	168
Development dry holes:										
Expenditures.....	Mil. dol....	647.3	-	24.4	94.8	182.9	91.6	139.1	90.2	24.4
Number of wells.....	Number.....	4,008	-	363	314	654	712	665	802	498
Total footage drilled.....	Thou. ft....	21,212	-	1,128	2,087	4,166	3,337	3,688	3,725	3,081
Development oil wells:										
Expenditures.....	Mil. dol....	2,337.4	62.8	461.3	444.5	654.8	284.5	326.9	85.3	17.3
Number of wells.....	Number.....	11,369	1,084	1,736	1,498	2,629	1,784	1,724	807	107
Total footage drilled.....	Thou. ft....	51,757	2,654	6,866	6,965	14,057	7,777	8,225	4,480	733
Development gas wells:										
Expenditures.....	Mil. dol....	2,124.4	34.7	204.3	381.6	645.0	313.1	420.7	114.7	10.3
Number of wells.....	Number.....	6,102	536	890	983	1,627	642	813	515	96
Total footage drilled.....	Thou. ft....	35,926	1,534	4,662	5,476	10,088	4,418	6,135	3,060	553
Expenditures for platforms, total..	Mil. dol....	603.7	0.6	25.8	91.5	201.0	78.5	176.9	29.4	
Drilling platforms <sup>2</sup> .....	..do.....	373.4	.6	15.3	53.5	145.2	54.6	82.2	22.5	
Production platforms <sup>3</sup> .....	..do.....	230.3		10.5	38.1	55.8	23.9	94.7	6.9	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	81,758.8	2,094.6	6,418.8	15,585.8	23,924.2	11,427.3	16,901.1	4,240.6	1,166.5
Oil and gas field properties.....	..do.....	79,666.7	1,876.4	6,305.1	15,183.5	23,301.0	11,052.8	16,669.1	4,145.0	1,133.9
Buildings, other structures, and machinery.....	..do.....	2,092.1	218.2	113.7	402.2	623.2	374.5	232.0	95.6	32.6
Capitalized expenditures.....	..do.....	13,925.1	185.0	1,559.8	2,056.4	3,857.4	2,176.8	2,876.1	1,082.8	130.8
Oil and gas field properties.....	..do.....	13,514.3	153.6	1,534.8	1,961.4	3,776.2	2,078.6	2,815.8	1,064.7	129.2
Buildings, other structures, and machinery.....	..do.....	410.8	31.5	25.0	95.0	81.2	98.2	60.3	18.1	1.6
Retirement and dispositions.....	..do.....	3,326.5	30.6	201.6	452.5	933.9	744.2	637.7	228.7	97.3
Oil and gas properties.....	..do.....	3,247.5	19.3	197.0	436.8	921.0	731.6	621.3	225.1	95.5
Buildings, other structures, and machinery.....	..do.....	79.0	11.2	4.7	15.7	12.9	12.6	16.4	3.7	1.8
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	2,249.1	7,777.0	17,189.7	26,847.7	12,859.8	19,139.5	5,094.6	1,200.0
Oil and gas field properties.....	..do.....	89,933.7	2,010.6	7,642.9	16,708.2	26,156.2	12,399.8	18,863.7	4,984.6	1,167.6
Buildings, other structures, and machinery.....	..do.....	2,423.9	238.4	134.1	481.5	691.5	460.1	275.8	110.1	32.4
Depletion, depreciation and amortization of fixed assets:										
Cost during 1977.....	..do.....	5,512.2	127.7	388.2	1,069.8	1,674.3	671.4	1,108.6	388.5	83.7
Oil and gas field properties... Buildings, other structures and machinery.....	..do.....	5,356.1	112.7	378.9	1,042.3	1,624.1	648.9	1,087.0	380.7	81.5
Accumulated cost, end of 1977:...	..do.....	156.2	15.0	9.3	27.5	50.2	22.5	21.6	7.9	2.3
Oil and gas field properties... Buildings, other structures and machinery.....	..do.....	40,139.8	1,115.9	2,575.1	7,374.2	12,338.1	5,064.9	8,976.1	2,209.8	485.6
Oil and gas field properties... Buildings, other structures and machinery.....	..do.....	39,051.7	1,024.5	2,515.2	7,211.7	12,001.1	4,838.5	8,826.9	2,160.2	473.5
Oil and gas field properties... Buildings, other structures and machinery.....	..do.....	1,088.0	91.4	59.8	162.5	337.0	226.4	149.2	49.5	12.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.



**Table 20. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class						
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
<b>Sales volumes:</b>									
Crude petroleum and condensate...	Mil. bbl....	2,351.7	101.0	1,958.6	111.6	44.3	26.9	75.7	33.5
From stripper well leases.....	..do.....	294.0	57.4	183.3	17.0	10.2	7.1	12.7	6.2
Lease condensate.....	..do.....	112.4	2.3	84.4	9.1	3.6	1.9	5.6	5.5
Natural gas.....	Bil. cu. ft.	15,399.8	683.3	11,598.6	1,330.9	599.8	236.1	505.0	446.1
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>33,598.9</b>	<b>1,735.6</b>	<b>25,826.8</b>	<b>2,348.4</b>	<b>916.5</b>	<b>498.9</b>	<b>1,348.4</b>	<b>924.4</b>
Crude petroleum and condensate...	..do.....	19,547.5	1,041.0	15,790.2	1,074.6	413.4	236.5	684.2	307.7
Crude petroleum.....	..do.....	18,539.4	1,022.3	15,037.9	987.1	380.8	217.8	633.5	259.9
Lease condensate.....	..do.....	1,008.2	18.7	752.3	87.5	32.6	18.7	50.6	47.8
Natural gas.....	..do.....	12,918.1	604.7	9,308.7	1,141.8	472.1	234.6	588.2	567.9
Income from oil and gas royalties	..do.....	984.8	80.4	653.9	118.2	28.8	21.8	41.1	40.4
Other lease revenues from producing operations.....	..do.....	148.5	9.4	74.0	13.7	2.1	6.0	34.9	8.3
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>25,614.6</b>	<b>1,084.2</b>	<b>18,434.6</b>	<b>2,332.3</b>	<b>929.8</b>	<b>548.7</b>	<b>1,381.1</b>	<b>903.9</b>
Exploration expenditures.....	..do.....	7,843.3	34.8	4,989.1	898.9	357.3	264.5	698.6	600.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,229.9	-	1,531.5	405.7	207.9	149.1	477.5	458.3
Dry holes.....	..do.....	1,642.2	-	878.8	195.7	99.5	74.3	218.6	175.3
Oil wells.....	..do.....	401.8	-	146.7	55.1	25.3	22.5	96.9	55.3
Gas wells.....	..do.....	762.6	-	223.4	131.2	68.4	46.3	123.3	170.1
Work-in-progress adjustment..	..do.....	423.3	-	282.7	23.7	14.7	6.1	38.6	57.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,587.1	12.9	1,965.6	278.9	76.4	74.3	106.4	72.5
Land department leasing and scouting.....	..do.....	164.1	22.0	98.7	23.1	73.0	5.5	13.1	13.1
Geological and geophysical.....	..do.....	856.1		679.7	95.4		10.9	32.0	14.4
Lease rents.....	..do.....	245.8		156.3	27.5		6.0	21.4	15.2
Test hole contributions.....	..do.....	32.7		27.9	1.3		0.2	2.8	0.2
Other exploration expenditures, including direct overhead.....	..do.....	305.2	235.6	22.1	6.9	14.6	10.4	16.1	16.1
General and administrative overhead, not reported elsewhere.....	..do.....	422.4							
Development expenditures.....	..do.....	9,067.7	414.8	6,734.1	880.3	324.7	156.5	399.9	157.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,663.3	293.3	3,974.8	607.2	232.0	119.1	314.6	122.2
Dry holes.....	..do.....	647.3	49.4	392.1	71.2	33.4	15.4	55.8	30.0
Oil wells.....	..do.....	2,337.4	140.4	1,772.3	172.8	57.6	34.7	133.4	26.2
Gas wells.....	..do.....	2,124.4	97.8	1,363.9	302.8	125.1	54.2	114.2	66.4
Work-in-progress adjustment..	..do.....	554.2	5.6	446.6	60.5	16.0	14.7	11.3	-4
Lease equipment <sup>3</sup> .....	..do.....	1,613.5	78.4	1,243.0	140.5	50.6	21.0	55.9	23.9
Lease and land acquisitions of producing acreage.....	..do.....	273.1	15.8	175.7	58.5	5.4	5.6	8.0	4.1
Fluid injection and improved recovery programs.....	..do.....	461.4	10.4	427.1	17.0	3.2	5.1	3.1	2.2
Other development expenditures, including direct overhead.....	..do.....	672.3	7.6	623.3	13.4	14.6		6.7	
General and administrative overhead not reported elsewhere.....	..do.....	384.2	9.2	290.2	43.6	18.9	5.8	11.5	5.0
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>8,703.6</b>	<b>634.6</b>	<b>6,711.4</b>	<b>553.2</b>	<b>247.9</b>	<b>127.7</b>	<b>282.6</b>	<b>146.2</b>
Direct operating expenditures...	..do.....	5,262.0	441.2	4,018.8	308.0	145.6	83.4	178.3	86.9
Operating and maintenance.....	..do.....	4,236.9	351.6	3,215.1	255.5	126.9	70.6	147.6	69.6
Well workovers.....	..do.....	698.9	48.1	551.2	39.5	14.5	9.7	23.8	12.0
Other direct expenses.....	..do.....	326.2	41.5	252.4	13.0	4.2	3.1	6.8	5.2
Indirect operating expenditures	..do.....	3,441.6	193.5	2,692.7	245.2	102.3	44.3	104.3	59.4
Taxes (excluding income taxes)	..do.....	2,100.1	70.0	1,728.9	125.8	50.4	27.9	57.3	39.8
General and administrative overhead.....	..do.....	905.9	88.9	652.0	119.4	26.5	16.4	44.5	18.0
Other indirect expenses.....	..do.....	435.7	34.5	311.7		25.4		2.6	1.5

See footnotes at end of table.

**Table 20. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class						
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
<b>Drilling statistics:</b>									
Exploration dry holes:									
Expenditures.....	Mil. dol....	1,642.2	-	878.8	195.7	99.5	74.3	218.6	175.3
Number of wells.....	Number.....	5,274	-	1,558	981	524	343	899	970
Total footage drilled.....	Thou. ft....	32,323	-	10,584	6,192	2,598	1,735	6,007	5,207
Exploration oil wells:									
Expenditures.....	Mil. dol....	401.8	-	146.7	55.1	25.3	22.5	96.9	55.3
Number of wells.....	Number.....	1,946	-	444	263	224	154	556	307
Total footage drilled.....	Thou. ft....	9,716	-	2,302	1,498	820	806	2,658	1,632
Exploration gas wells:									
Expenditures.....	Mil. dol....	762.6	-	223.4	131.2	68.4	46.3	123.3	170.1
Number of wells.....	Number.....	1,668	-	423	218	139	141	405	344
Total footage drilled.....	Thou. ft....	11,442	-	2,865	2,043	813	785	2,484	2,452
Development dry holes:									
Expenditures.....	Mil. dol....	647.3	49.4	392.1	71.2	33.4	15.4	55.8	30.0
Number of wells.....	Number.....	4,007	965	1,685	510	196	163	327	163
Total footage drilled.....	Thou. ft....	21,212	4,159	9,312	3,314	984	499	1,809	1,135
Development oil wells:									
Expenditures.....	Mil. dol....	2,337.4	140.4	1,772.3	172.8	57.6	34.7	133.4	26.2
Number of wells.....	Number.....	11,370	2,060	6,826	985	240	315	795	149
Total footage drilled.....	Thou. ft....	51,757	6,033	31,847	5,658	1,285	1,176	4,850	908
Development gas wells:									
Expenditures.....	Mil. dol....	2,124.4	97.8	1,363.9	302.8	125.1	54.2	114.2	66.4
Number of wells.....	Number.....	6,102	988	3,099	839	398	174	369	237
Total footage drilled.....	Thou. ft....	35,926	3,666	19,337	6,031	1,967	912	2,613	1,400
Expenditures for platforms, total..	Mil. dol....	603.7	(D)	439.9	62.2	31.1	25.4	16.8	(D)
Drilling platforms <sup>2</sup> .....	..do.....	373.4	(D)	288.4	45.4	12.2	9.8	1.8	(D)
Production platforms <sup>3</sup> .....	..do.....	230.3	(D)	151.5	16.8	18.9	15.5	14.9	(D)
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	81,758.8	2,563.6	62,950.5	6,689.3	3,529.3	1,349.3	2,898.1	1,778.7
Oil and gas field properties.....	..do.....	79,666.7	2,334.2	61,536.4	6,605.6	3,374.9	1,300.5	2,764.9	1,750.3
Buildings, other structures, and machinery.....	..do.....	2,092.1	229.4	1,414.1	83.7	154.4	48.8	133.3	28.4
Capitalized expenditures.....	..do.....	13,925.1	396.7	9,601.8	1,542.0	574.2	342.7	880.8	587.0
Oil and gas field properties.....	..do.....	13,514.3	355.6	9,364.1	1,516.2	561.0	322.3	815.3	579.7
Buildings, other structures, and machinery.....	..do.....	410.8	41.0	237.6	25.7	13.2	20.5	65.5	7.3
Retirement and dispositions.....	..do.....	3,326.5	56.4	2,474.4	329.7	83.7	88.1	185.9	108.3
Oil and gas properties.....	..do.....	3,247.5		2,429.5	323.7	78.1	85.9	179.3	
Buildings, other structures, and machinery.....	..do.....	79.0	56.4	44.9	6.0	5.5	2.2	6.6	108.3
Gross book value of fixed assets (end of year).....	..do.....	92,357.5	2,903.9	70,078.0	7,901.6	4,019.9	1,603.9	3,593.0	2,257.4
Oil and gas field properties.....	..do.....	89,933.7	2,646.1	68,471.1	7,798.2	3,857.7	1,537.0	3,400.9	2,222.7
Buildings, other structures, and machinery.....	..do.....	2,423.9	257.7	1,606.9	103.4	162.2	66.9	192.1	34.7
Depletion, depreciation and amortization of fixed assets:									
Cost during 1977.....	..do.....	5,512.2	174.1	4,095.3	491.1	267.0	122.6	224.8	137.4
Oil and gas field properties...	..do.....	5,356.1	158.0	3,995.9	483.9	256.0	118.2	208.8	135.3
Buildings, other structures and machinery.....	..do.....	156.2	16.1	99.4	7.3	10.9	4.4	16.0	2.1
Accumulated cost, end of 1977;...	..do.....	40,139.8	1,422.8	32,250.1	2,603.8	1,535.2	612.5	1,040.3	675.1
Oil and gas field properties.....	..do.....	39,051.7	1,319.7	31,456.5	2,562.4	1,475.7	594.0	983.5	659.8
Buildings, other structures and machinery.....	..do.....	1,088.0	103.1	793.6	41.4	59.5	18.4	56.8	15.3

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 21. Detailed Statistics for the Onshore-Lower 48 States Grouped by Stripper  
Well Lease Specialization Ratio: 1977**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	1,930.5	491.1	512.7	646.5	90.2	32.3	36.1	11.6	110.0
From stripper well leases.....	..do.....	(D)	14.7	41.5	85.8	21.4	11.7	15.8	(D)	96.5
Lease condensate.....	..do.....	85.4	23.4	28.7	22.7	5.3	0.9	2.9	0.3	1.2
Natural gas.....	Bil. cu. ft.	11,758.9	3,543.4	2,985.1	3,614.4	607.0	217.8	248.0	62.5	480.8
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	27,571.4	7,941.8	6,942.5	8,180.7	1,444.7	541.9	627.0	169.1	1,723.5
Crude petroleum.....	..do.....	16,295.6	4,107.3	4,197.3	5,123.2	798.8	314.4	362.8	117.0	1,274.8
Lease condensate.....	..do.....	15,542.7	3,894.9	3,961.6	4,915.6	751.0	305.4	336.3	114.7	1,263.1
Natural gas.....	..do.....	752.8	212.4	235.7	207.6	47.8	8.9	26.5	2.3	11.6
Income from oil and gas royalties	..do.....	10,177.8	3,538.5	2,498.4	2,752.0	550.5	187.2	230.7	46.5	374.1
Other lease revenues from pro- ducing operations.....	..do.....	967.5	271.3	212.6	271.1	86.9	34.6	33.6	5.7	58.7
		130.6	24.7	34.3	34.5	8.5	5.8			
Expenditures (capitalized and expensed):										
Exploration expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	2,123.1	708.1	335.9	438.9	202.6	49.2	156.3	22.4	209.6
Dry holes.....	..do.....	954.3	351.7	129.9	211.8	88.6	21.6	69.1	13.3	68.2
Oil wells.....	..do.....	326.5	117.9	26.7	50.7	48.2	16.9	11.8	3.4	50.9
Gas wells.....	..do.....	604.1	203.5	102.7	131.5	61.6	11.0	40.8	4.9	48.1
Work-in-progress adjustment..	..do.....	238.3	35.1	76.6	45.0	4.1	-3	34.6	.8	42.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	999.4	265.0	197.3	322.7	90.0	44.1	26.5	6.8	47.0
Land department leasing and scouting.....	..do.....	149.8	36.7	30.6	55.4	13.0	2.6	6.3	.2	5.1
Geological and geophysical.....	..do.....	634.6	117.4	233.3	225.8	28.9	9.4	9.7	.7	9.4
Lease rents.....	..do.....	219.4	69.3	39.1	71.7	17.2	4.2	7.3	2.4	8.3
Test hole contributions.....	..do.....	13.5	4.8	2.7	4.5	0.4	(Z)	0.2	-	0.9
Development expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,829.5	906.6	797.2	1,308.5	306.1	116.0	119.6	35.3	240.2
Dry holes.....	..do.....	494.3	150.4	79.0	145.0	40.4	11.5	20.4	8.3	39.3
Oil wells.....	..do.....	1,529.3	360.6	295.5	483.2	161.0	61.7	47.3	11.4	108.7
Gas wells.....	..do.....	1,494.5	404.9	304.1	508.8	101.8	42.9	44.7	14.3	73.0
Work-in-progress adjustment..	..do.....	311.5	-9.3	118.7	171.4	2.9	-1	7.3	1.4	19.2
Lease equipment <sup>3</sup> .....	..do.....	883.9	204.6	279.0	225.1	47.8	26.4	23.6	4.0	73.5
Lease and land acquisitions of producing acreage.....	..do.....	264.8	35.5	49.4	58.3	78.7	14.8	4.1	.1	23.8
Fluid injection and improved recovery programs.....	..do.....	416.1	50.2	136.1	195.4	17.9	(D)	1.9	(D)	12.3
Production expenditures:										
Direct operating expenditures..	..do.....	4,482.9	823.1	1,280.2	1,440.9	233.8	105.7	152.6	40.7	405.9
Operating and maintenance....	..do.....	3,648.6	613.9	983.0	1,236.1	213.4	94.7	125.0	34.2	348.3
Well workovers.....	..do.....	562.3	140.0	297.1	134.0	16.2	4.7	19.8	6.5	39.3
Other direct expenses.....	..do.....	272.0	69.2		70.9	4.2	6.2	7.8		18.3
Indirect operating expenditures:										
Taxes (excluding income taxes)	..do.....	1,902.0	505.7	549.7	624.9	87.1	27.6	36.4	7.5	63.1
Other indirect expenses.....	..do.....	383.9	191.9	(D)	86.1	21.5	3.4	4.7	(D)	13.7

See footnotes at end of table.

**Table 21. Detailed Statistics for the Onshore-Lower 48 States Grouped by Stripper Well Lease Specialization Ratio: 1977—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mill. dol....	954.3	351.7	129.9	211.8	88.6	21.6	69.1	13.3	68.2
Number of wells.....	Number.....	4,955	1,456	775	549	570	152	427	167	858
Total footage drilled.....	Thou. ft....	29,250	9,175	4,069	3,976	4,162	945	2,784	1,005	3,134
Exploration oil wells:										
Expenditures.....	Mill. dol....	326.5	117.9	26.7	50.7	48.2	16.9	11.8	3.4	50.9
Number of wells.....	Number.....	1,920	554	131	165	160	111	234	60	499
Total footage drilled.....	Thou. ft....	9,476	3,187	758	1,102	941	609	827	169	1,883
Exploration gas wells:										
Expenditures.....	Mill. dol....	604.1	203.5	102.7	131.5	61.6	11.0	40.8	4.9	48.1
Number of wells.....	Number.....	1,552	553	201	156	150	57	95	29	312
Total footage drilled.....	Thou. ft....	10,469	3,635	1,806	1,335	1,144	342	754	174	1,279
Development dry holes:										
Expenditures.....	Mill. dol....	494.3	150.4	79.0	145.0	40.4	11.5	20.4	8.2	39.3
Number of wells.....	Number.....	3,863	957	327	691	633	156	327		723
Total footage drilled.....	Thou. ft....	19,945	6,768	2,289	3,980	2,649	771	1,174	357	1,957
Development oil wells:										
Expenditures.....	Mill. dol....	1,529.3	360.6	295.5	483.2	161.0	61.7	47.3	11.4	108.7
Number of wells.....	Number.....	11,024	1,844	1,512	2,557	1,674	656	492	119	2,170
Total footage drilled.....	Thou. ft....	48,777	10,371	7,256	11,597	7,864	2,338	1,909	407	7,035
Development gas wells:										
Expenditures.....	Mill. dol....	1,494.5	404.9	304.1	508.8	101.8	42.9	44.7	14.3	73.0
Number of wells.....	Number.....	5,628	1,375	1,005	1,500	527	164	189	52	817
Total footage drilled.....	Thou. ft....	32,243	8,499	5,930	9,341	2,954	1,309	987	418	2,805
Expenditures for platforms, total..	Mill. dol....	42.7	9.3	(D)	(D)	(D)	-	-	-	(D)
Drilling platforms <sup>2</sup> .....	..do.....	19.5	9.3	-	(D)	(D)	-	-	-	(D)
Production platforms <sup>3</sup> .....	..do.....	23.3		(D)	(D)	(D)	-	-	-	(D)
Gross book value of fixed assets (end of year) <sup>4</sup> .....	..do.....	58,135.6	12,911.4	14,582.6	20,256.2	3,946.3	1,366.3	1,280.7	528.6	3,263.5
Oil and gas field properties.....	..do.....	56,161.3	12,399.9	14,048.8	19,754.1	3,858.6	1,286.5	1,209.2	517.2	3,087.0
Building, other structures, and machinery.....	..do.....	1,974.3	511.5	533.8	502.1	87.7	79.8	71.5	11.4	176.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work in progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

## PENALTY FOR FAILURE TO REPORT

DUE DATE: April 28, 1978

Form Approved: O.M.B. No. 41-R2797

FORM MA-13K  
1-17-78

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

### 1977 ANNUAL SURVEY OF OIL AND GAS

Please complete and return  
this form as soon as possible  
after receipt to

BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

**NOTE** - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.

If book figures are not available, carefully prepared estimates are acceptable. Complete every item.

If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

**NOTICE** - Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report  
please refer to this Census File Number

Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.

## GENERAL INSTRUCTIONS

### ► PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ► WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during 1977 is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during 1977 is required to submit data for column (m).

#### ► WHAT ACTIVITIES SHOULD BE REPORTED?

This report included production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use; maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ► WHAT PERIOD SHOULD REPORT COVER?

This report should cover calendar year 1977. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ► HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquids plants.

#### ► HOW SHOULD DATA BE ROUNDED?

All data entries except employment and net company interest well counts should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215.267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ► HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

► 1. By Geographic Area - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

► 2. By Lease Classification - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

► 3. By Operator - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ► HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to



Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

CERTIFICATION	Name of person to contact regarding this report		Address (Number and street, city, State, and ZIP code)		Telephone	
					Area code	Number
					Extension	
	This report is substantially accurate and covers the period from _____ to _____					
	Name of company		Address (Number and street, city, State, and ZIP code)			
	Signature of authorized person		Title		Date	

1977 ANNUAL SURVEY OF OIL AND GAS																							
Line number	Item	Unit of measure (b)	TOTAL UNITED STATES (c)	GEOGRAPHICAL AREA						NET COMPANY INTEREST BASIS						LEASE CLASSIFICATION				OPERATOR		GROSS OPERATOR BASIS TOTAL OPERATOR ACCOUNT (m)	Line number
				Alaska			Lower 48			Oil leases (h)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)	TOTAL OPERATOR ACCOUNT (m)								
				Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)	Onshore (h)	Offshore (i)														
1	I. SALES VOLUMES	Thousand barrels	01016	01014	01032	01040	01058	01073	01081	01099	01107	01115	1										
2	A. Total crude petroleum and condensate	Thousand barrels	02014	02012	02030	02048	02055	02071	02089	02097	02105	02113	2										
3	1. From stripper well leases included in line 1	Thousand barrels	03012	03020	03038	03046	03053	03079	03087	03095	03103	03111	3										
4	2. Lease condensate included in line 1	Thousand barrels	04010	04018	04036	04044	04051	04077	04085	04093	04101	04119	4										
5	B. Natural gas	Million cubic feet	05017	05025	05043	05081	05098	05116	05124	05132	05140	05148	5										
6	II. TOTAL LEASE REVENUES		06015	06023	06031	06043	06056	06072	06080	06096	06106	06114	6										
7	A. Total crude petroleum and condensate		07013	07021	07039	07047	07054	07062	07088	07096	07104	07112	7										
8	1. Crude petroleum		08011	08019	08037	08045	08052	08078	08086	08094	08102	08110	8										
9	2. Lease condensate		09019	09027	09035	09043	09050	09076	09084	09092	09100	09118	9										
10	B. Natural gas		10017	10025	10033	10041	10058	10084	10092	10100	10108	10116	10										
11	C. Income received from oil and gas royalties		11015	11023	11031	11049	11056	11082	11090	11098	11106	11114	11										
12	D. Other lease revenues from producing operations		12013										12										
13	III. TOTAL EXPENDITURES CAPITALIZED AND EXPENSED		13011										13										
14	A. Total exploration expenditures		14019	14027	14035	14043	14050	14076	14084	14092	14100	14118	14										
15	1. Total drilling and equipping wells		15016	15024	15032	15040	15057	15073	15081	15099	15107	15115	15										
16	a. Dry holes		16014	16022	16030	16048	16055	16063	16069	16097	16105	16113	16										
17	b. Oil wells		17012	17020	17038	17046	17053	17079	17087	17095	17103	17111	17										
18	c. Gas wells		18010	18028	18036	18044	18051	18077	18085	18093	18101	18119	18										
19	d. Work-in-progress adjustment		19018	19026	19034	19042	19059						19										
20	2. Lease and land acquisitions of nonproducing acreage		20016	20024	20032	20040	20057						20										
21	3. Land department, leasing, and scouting		21014	21022	21030	21048	21055						21										
22	4. Geological and geophysical		22012	22020	22028	22046	22053						22										
23	5. Lease rents		23010	23018	23026	23044	23051						23										
	6. Test hole contributions																						

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
7. Other exploration expenditures, including direct overhead	24018																					
8. General and administrative overhead not reported elsewhere	25015																					
B. Total development expenditures	26013																					
1. Total drilling and equipping wells	27011	27029	27037	27045	27052	27060	27078	27086	27094	27102	27110											
a. Oil holes	28019	28027	28035	28043	28050	28058	28076	28084	28092	28100	28118											
b. Oil wells	29017	29025	29033	29041	29058	29066		29082	29090	29108	29116											
c. Gas wells	30015	30023	30031	30049	30056		30072	30080	30098	30106	30114											
d. Work-in-progress adjustment	31013	31021	31039	31047	31054	31062	31070	31088	31096	31104	31112											
2. Lease equipment	32011	32029	32037	32045	32052				32094	32102												
3. Lease and land acquisitions of producing acreage	33019	33027	33035	33043	33050																	
4. Fluid injection and improved recovery programs	34017	34025	34033	34041	34058																	
5. Other development expenditures, including direct overhead	35014																					
6. General and administrative overhead not reported elsewhere	36012																					
C. Total production expenditures	37010																					
1. Total direct operating expenditures	38018	38026	38034	38042	38059	38067	38075	38083	38091	38109												
a. Operating and maintenance	39016	39024	39032	39040	39057	39065	39073	39081														
b. Well workovers	40014	40022	40030	40048	40055	40063	40071	40089														
c. Other direct expenses	41012	41020	41038	41046	41054	41062	41070	41088														
2. Total indirect operating expenditures	42014																					
a. Taxes (excluding income taxes)	43018	43026	43034	43042	43050				43091	43109												
b. General and administrative overhead	44016																					
c. Other indirect expenses	45013	45021	45039	45047	45054				45096	45104												
IV. TOTAL NUMBER EMPLOYED For the pay period including March 121																						

Thousand dollars

PLEASE COMPLETE LINES 47 THROUGH 74 ON PAGE 3 AND CERTIFICATION ON PAGE 1

NET COMPANY INTEREST BASIS														
Line number	Item  (Thousands dollars)	Gross book value of fixed assets at the beginning of the year (b)	Capitalized expenditures during the year (c)	Retirements and disposition of fixed assets during the year (d)	Asset reclassification adjustment (e)	TOTAL UNITED STATES (f)	Geographic area				Cost during 1977 (k)	Accumulated cost at the end of 1977 (l)	Line number	
							ALASKA							
							Onshore (g)	Offshore (h)	Onshore (i)	Offshore (j)				
47	V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS	47019	47027	47035		47050	47068	47076	47084	47092	47100	47118	47	
48	A. Total oil and gas field properties	48017	48025	48033		48058	48066	48074	48082	48090	48108	48116	48	
49	1. Nonproducing properties	49015	49023	49031	49049	49056	49064	49072	49080	49098	49106	49114	49	
50	a. Leaseholds	50013	50021	50039	50047	50054	50062	50070	50088	50096	50104	50112	50	
51	b. Other pre-development accounts	51011	51029	51037	51045	51052	51060	51078	51086	51094	51102	51110	51	
52	2. Producing properties	52019	52027	52035	52043	52050	52068	52076	52084	52092	52100	52118	52	
53	a. Leaseholds	53017	53025	53033	53041	53058	53066	53074	53082	53090	53108	53116	53	
54	b. Intangible drilling and development accounts	54015	54023	54031	54049	54056	54064	54072	54080	54098	54106	54114	54	
55	c. Lease and well equipment	55012	55020	55038	55046	55053	55061	55079	55087	55095	55103	55111	55	
56	3. Work-in-progress	56010	56028	56046	56044	56051	56069	56077	56085	56093	56101	56119	56	
57	a. Intangible drilling and development accounts	57018	57026	57034	57042	57059	57067	57075	57083	57091	57109	57117	57	
58	b. Lease and well equipment	58016	58024	58032	58040	58057	58065	58073	58081	58099	58107	58115	58	
59	B. Buildings, other structures, and machinery	59014	59022	59030		59055	59063	59071	59089	59097	59105	59113	59	
Remarks														
Line number	Item	Unit of measure	NET COMPANY INTEREST BASIS						GROSS OPERATOR BASIS		Remarks			
			GEOGRAPHICAL AREA						TOTAL OPERATOR ACCOUNT					
			TOTAL UNITED STATES (c)	Onshore (d)	Alaska (e)	Offshore (f)	Onshore (g)	Offshore (h)	Onshore (i)	Offshore (j)				
60	VI. DRILLING: PHYSICAL DATA FOR WELLS		60012	60020	60038	60046	60053	60061						
61	A. Exploration													
62	1. Dry holes	Number	61010	61018	61036	61044	61051	61059						
63	b. Total footage drilled	Thou. feet	62016	62026	62034	62042	62059	62067						
64	a. Wells	Number	63016	63024	63032	63040	63057	63065						
65	b. Total footage drilled	Thou. feet	64014	64022	64030	64048	64055	64063						
66	a. Wells	Number	65011	65029	65037	65045	65052	65060						
67	b. Total footage drilled	Thou. feet	66019	66027	66035	66043	66050	66058						
68	A. Development													
69	1. Dry holes	Number	67017	67025	67033	67041	67058	67066						
70	b. Total footage drilled	Thou. feet	68015	68023	68031	68049	68056	68064						
71	a. Wells	Number	69013	69021	69039	69047	69054	69062						
72	b. Total footage drilled	Thou. feet	70011	70029	70037	70045	70052	70060						
73	a. Wells	Number	71019	71027	71035	71043	71050	71058						
74	b. Total footage drilled	Thou. feet	72017	72025	72033	72041	72058	72066						
75	VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS, TOTAL	Thou. dollars	73015	73023	73031	73049	73056	73064						
76	A. Drilling platforms	Thou. dollars	74013	74021	74039	74047	74054	74062						
77	B. Production platforms	Thou. dollars												



## INSTRUCTIONS FOR COMPLETING FORM MA-13K

▶ **I. SALES VOLUMES**

▶ **Line 1 — Total crude petroleum and condensate** — Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (j), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

▶ **Line 2 — From stripper well leases (included in line 1)** — Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

▶ **Line 3 — Lease condensate (included in line 1)** — Report the lease condensate sales volume included in total crude petroleum and condensate.

▶ **Line 4 — Natural gas** — Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (j), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

▶ **II. TOTAL LEASE REVENUES**

▶ **Line 5 — Total lease revenues** — Report the totals of lines 6, 9, 10, and 11.

▶ **Lines 6, 7, and 8 — Crude petroleum and condensate** — Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (j), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

▶ **Line 9 — Natural gas** — Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (j), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and nonoperating working interest shares. Reasonable estimates for royalty and nonoperating working interest shares are acceptable if not known.

▶ **Line 10 — Income received from oil and gas royalties** — Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

▶ **Line 11 — Other lease revenue from producing operations** — Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

▶ **III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)**

▶ **Line 12 — Total expenditures (capitalized and expensed)** — Report on this line the totals of lines 13, 26, and 32. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 22 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 35, and 44, depreciation may be charged for office buildings, etc., where the total cash expenditure for such facilities are not reported elsewhere.

▶ **Line 13 — Total exploration expenditures** — Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

▶ **Line 14 — Total drillings and equipping wells** — Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

NOTE For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

▶ **Line 15 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms; and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping exploratory dry holes during the period. Include non-operator costs.

▶ **Instructions for lines 16 and 17 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings; expenditures for roads, grading, etc.; expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (j), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total expenditures incurred during the period, on properties which you operated, for drilling and equipping successful exploratory wells. Include non-operators costs.

▶ **III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued**

▶ **Line 16 — Oil wells** — Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

▶ **Line 17 — Gas wells** — Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

▶ **Line 18 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

▶ **Line 19 — Lease and land acquisition of non-producing acreage** — In columns (c) through (j), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

▶ **Line 20 — Land department, leasing, and scouting** — In columns (c) through (j), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing, and rentals which should be reported on lines 19 or 22.

▶ **Line 21 — Geological and geophysical** — In columns (c) through (j), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

▶ **Line 22 — Lease rents** — In columns (c) through (j), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures which should be reported on line 20 and advance rentals, which are actually in the nature of a bonus which should be reported on line 19.

▶ **Line 23 — Test hole contributions** — Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

▶ **Line 24 — Other exploration expenditures, including direct overhead** — Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially direct purchasing functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

▶ **Line 25 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and Research and Development (R & D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

▶ **Line 26 — Total development expenditures** — In column (c), report the totals of lines 27, 32, 33, 34, 35, and 36.

▶ **Line 27 — Total drilling and equipping wells** — Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 40. Also exclude expenditures for service wells which are to be reported on line 34 or 35. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

▶ **Line 28 — Dry holes** — Report expenditures for casing, tubing, and well head fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling development dry holes.

In column (m), report the total expenditures incurred on properties which you operated, for drilling and equipping development dry holes during the period. Include non-operators costs.

▶ **Instructions for lines 29 and 30 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful development wells.

In column (m), report the total expenditures incurred on properties which you operated for drilling and equipping successful development wells during the period. Include non-operator costs.

▶ **Line 29 — Oil wells** — Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

▶ **Line 30 — Gas wells** — Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

▶ **Line 31 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE Data for lines 32, 33, 34, and 35 are to be combined for reporting in columns (k) and (l).

# Appendix A—Continued

## ► III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

► Line 32 — **Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater treaters, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

► Line 33 — **Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

► Line 34 — **Fluid injection and improved recovery programs** — Include gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Facilities should include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells, or other wells required for primary production operations. This is a component of other development expenditures, including direct overhead, line 35.

► Line 35 — **Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines 27, 32, 33, or 34 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed on the books of account. Include expenditures for capital equipment constructed or purchased.

Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► Line 36 — **General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 35. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► Line 37 — **Total production expenditures** — Report on this line the totals of lines 38, and 42. Do not include expenditures applicable to gas processing plants or gas systems.

► Line 38 — **Total direct operating expenditures** — Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 39, 40, and 41.

► Line 39 — **Operating and maintenance** — Report the net Company interest in normal daily operating expenses such as wages for pumpers and other field personnel directly associated with oil and gas production, production personnel transportation expenses, materials and supplies consumed, and field office expenses as well as surface repair and maintenance on lease equipment such as lease tank batteries, separators, pumps, buildings, and well producing equipment. Also report all other operating and maintenance expenses except work over expense which is reported on line 40.

► Line 40 — **Well workovers** — Report the net Company interest in all expenditures directly related to well workovers for the period including expensed material, contract labor, etc.

► Line 41 — **Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines 39 and 40. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)

► Line 42 — **Total indirect operating expenditures** — Report on this line the totals on lines 43, 44, and 45.

► Line 43 — **Taxes (excluding income taxes)** — Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 35.

► Line 44 — **General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 36.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► Line 45 — **Other indirect expenses** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 43 and 44. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

## ► IV. TOTAL EMPLOYMENT

► Line 46 — **Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are storage warehouses, garages, repair shops, research, development, and testing laboratories.

## ► V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS

► Column (b) and columns (f) through (j) — **Total gross book value of fixed assets** — Enter the acquisition cost of the fixed assets on the books of this company. Report your own net company interest value before depreciation, depletion, and amortization of all oil and gas field assets, whether operated or non-operated excluding the value of any assets belonging to others. In column (b), report the beginning of the year figures and in columns (f) through (j) report the end of the year figures.

If leases were acquired during the year, the value at the end of the year, columns (f) to (j), should represent your purchase cost adjusted for capital expenditures, column (c), and dispositions, column (d) since the time of purchase.

Include used assets purchased during the year at their market value at the time of transfer rather than at the prior owner's book value.

► Column (c) — **Capital expenditures during the year** — Report the actual capital outlays during 1977, not the final value of expenditures put in place during the year. Capital expenditures during 1977 may be determined by the following computation: (a) the cost

## ► V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS — Continued

► Column (c) — **Capital expenditures during the year** — Continued

of additions completed during the year, plus (b) work-in-progress at the end of the year, minus (e) work-in-progress at the beginning of the year. Include labor and installation costs whether on contract or by your own labor forces. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained. Do not include the cost of maintenance and repairs charged as current operating expenses. Report replacements as well as additions to capacity for new depreciable assets. Report the value of improvements and capitalized repairs to machinery and equipment. Report expenditures for old or existing facilities and for second-hand equipment acquired from others (including the U.S. Government). Include the value of assets such as producing leases acquired from other operating companies during the year at your company's purchase cost. This column should exclude that portion of item (iii) charged to current accounts during the year.

► Column (e) — **Asset reclassification adjustment** — Report the net adjustments in asset values necessary to balance beginning of the year to end of the year data for lines 49 to 58 when assets shift from nonproducing or work-in-progress categories. For example, adjustments are necessary to balance lines 50 and 53 when a leasehold changes from a nonproducing to a producing property (from column (b) to column (f)). Entries to work-in-progress categories may be negative or positive.

► Column (k) — **Depreciation, depletion, and amortization charges during the year** — Report the reduction in value of depreciable, depletable, or amortizable assets (reported in column (f)) brought about through use, gradual obsolescence, the effects of the elements (decay or corrosion), oil or gas extraction, etc. Include charges against assets acquired or completed during the year (generally for oil and gas field properties in the production phase of operations). Report cost of depletion as an allocation of wasting investment rather than percentage or statutory depletion used for Federal income tax purposes.

► Column (l) — **Accumulated depreciation, depletion, and amortization** — Report accumulated depreciation, depletion, and amortization of assets carried on your bookkeeping records at the end of the year. This amount subtracted from column (f) should compute net fixed assets at the end of the year for lines 47 through 59.

► Instructions for lines 47 through 59

In lines 47 through 59, column (b) plus column (c) minus column (d) plus column (e) should equal column (f).

► Line 47 — **Total fixed assets and other related accounts** — Report your own net company interest values in the accounts of columns (b) through (j), whether operated or nonoperated. Report on this line the sum of lines 48 and 59.

► Line 48 — **Total oil and gas properties** — Report on this line the sum of lines 48, 52, and 56.

► Line 49 — **Nonproducing properties** — Report on this line the sum of lines 50 and 51.

► Line 50 — **Leaseholds** — Report the values of leases for undeveloped acreage and land held for exploration purposes. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands. Include the value of leaseholds for nonproducing properties where work is in progress.

► Line 51 — **Other pre-development accounts** — Report all other capitalized values including geological and geophysical expenditures, land department cost, etc. relating to undeveloped acreage.

► Line 52 — **Producing properties** — Report the values of properties which are producing, including shut-in leases. Report on this line the sum of lines 53, 54, and 55.

► Line 53 — **Leaseholds** — Report values of leases and land for producing acreage. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands.

► Line 54 — **Intangible drilling and development accounts** — Report values from capitalized intangible drilling and development accounts. These values include wages, fuel, repairs, hauling, and supplies, incident to and necessary for the drilling of wells and the preparation of wells for production of oil and gas. Cost of drilling or development work, exclusive of depreciable items, done by contractors are also intangible drilling and development costs. Include other predevelopment values for producing or shut-in properties.

► Line 55 — **Lease and well equipment** — Report values for tangible well equipment such as casing, tubing, wellhead fittings, etc., and lease equipment such as flow tanks, field separators, heater treaters, and related field facilities. Include drilling and production platforms. Exclude mobile drilling rigs, transportation equipment, and field service equipment which should be reported on line 59. Values for items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines, lease gas gathering lines not part of gasoline or cycling plants, etc. should be included.

► Line 56 — **Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year end. Report on this line the sum of lines 57 and 58.

For new construction on other improvement projects in progress but not yet completed, include in the value of fixed assets the cumulative capital expenditures for such projects already in place at the beginning and end of the year, respectively. These accounts are not usually carried in depreciation, depletion, and amortization categories. Exclude the value of nonproducing leaseholds which should be reported on line 50.

► Line 57 — **Intangible drilling and development accounts** — Report the value of work-in-progress accounts for capitalized intangible drilling and development operations. Also see line 54 instructions.

► Line 58 — **Lease and well equipment** — Report values for tangible lease and well equipment for leases where work is in progress but wells and other lease facilities are not yet completed for production.

► Line 59 — **Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line 48. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Include a pro rata share of the value of centralized computer facilities used to monitor and control production, to optimize drilling rates or drilling mud mixtures, etc. Exclude non-field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

## ► VI. DRILLING PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR

For lines 60 through 71, columns (c) through (g) report the number of gas wells, oil wells and dry holes completed during the report year and the respective footage drilled on the basis of your net company interest in the wells. For example, if your company's share in the cost of drilling and equipping a well is on a 50 percent working interest basis and the well is drilled to total depth of 10 thousand feet, measured along the well bore, your company should report 0.5 well and 5 thousand feet of related footage drilled. The sum of your fractional interest for the number of wells should be rounded to the nearest tenth, i.e., 10.7 wells. For column (b) report the gross number of wells and footage drilled for which you were the operator. The number of wells and footage drilled data should be related to the expenditures reported under columns (c) through (g) and (m) for lines 15, 16, 17, 28, 29, and 30.

## ► VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS

Report total expenditures during the year for drilling and production platforms, whether such platforms were located on inland waters or offshore. Drilling platform expenditures should be included in expenditures for drilling and equipping exploratory and development wells under lines 14 through 18 and lines 27 through 31. Expenditures for production platforms should be included under line 32. However, expenditures for drilling platforms and production platforms also should be reported under lines 72, 73, and 74.

IMPORTANT  
NOTE

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170.

MA-13K-L4(1977)



UNITED STATES DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, D.C. 20233

FROM THE INDUSTRY DIVISION  
BUREAU OF THE CENSUS

Thank you for your report on Form MA-13K, 1977 Annual Survey of Oil and Gas.

In our review of the information reported in Item V, "Total Fixed Assets and Other Capital Related Accounts," we found that there are significant differences in the level of data reported by individual companies. This appears to depend primarily upon the type of accounting system used. Therefore, we are requesting that you indicate your company's accounting method by marking the appropriate check box below. This will enable us to tabulate the data separately for each method of accounting and thus provide information for each group of companies on a comparable basis. All information supplied to the Census Bureau is confidential and is only used in the preparation of statistical aggregates that do not disclose the operations of individual companies.

Your cooperation in returning this information within the next 7 days will be appreciated. A preaddressed envelope is enclosed for your convenience.

Sincerely,

*Milton Eisen*

MILTON EISEN  
Chief, Industry Division

Enclosure

Method of Accounting (check one)

- ☐ 1. Full cost  
☐ 2. Successful efforts  
☐ 3. Other (describe) \_\_\_\_\_

Signature of authorized person \_\_\_\_\_

Title \_\_\_\_\_ Date \_\_\_\_\_



# Appendix C

## DESCRIPTION OF SURVEY SAMPLE

### 1977 Annual Survey of Survey of Oil and Gas

The 1972 Census of Mineral Industries (CMI) concentration listings, which arrayed companies in descending total value of shipments and receipts (TVS) order, was the universe from which the sample used for the 1977 Annual Survey of Oil and Gas was selected. The universe consisted of those companies classed as operators of crude petroleum and natural gas fields as defined by the 1972 Standard Industrial Classification (SIC) Manual. Companies selected from the crude petroleum and natural gas industry (SIC 1311) accounted for 94 percent (uninflated) of the total value of shipments and receipts of this class of companies in 1972.

In 1972, the largest 250 companies accounted for 92.7 percent of the industry's value of shipments and receipts of \$15,690.8 million. These 250 companies were selected with certainty. From the remaining group of about 5400 companies, a stratified random sample of 250 companies was selected with probabilities proportionate to the average value of shipments in each stratum. The sample was augmented by the addition of about 60 companies, including oil and gas field contractors with secondary oil and gas operating revenues of \$2 million or more, and other companies with large nonoperating working interest in oil and gas field leases.

Such companies were either identified in trade literature or by responses to a special coverage questionnaire sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate stratum weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1 Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.

2 Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.

3 Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for a few key statistics comprising the basic tabulations. Based on stratified random sampling, the variance ( $\sigma_x^2$ ) estimator used was

$$\sigma_x^2 = \sum_h [W_h (W_h - 1) \sum_i (X_{hi}^2 - \bar{X}_h^2)],$$

where

$W_h$  =  $h$ th stratum weight,

$X_{hi}$  = unweighted value for the  $i$ th company in the  $h$ th stratum,

$\bar{X}_h$  = average value of the data item for the  $h$ th stratum.

Relative standard errors ( $V_x'$ ) were then obtained by the formula

$$V_x' = \frac{\sigma_x'}{X'},$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.



# Appendix D

## QUALIFICATIONS OF THE DATA

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

The following table contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

Table D-1. Selected Statistics and Relative Standard Error Estimates: 1977

Item	Reporting basis	
	Gross operator	Net company interest
Crude petroleum and condensate.....Mil. dol..	24,548.1	19,547.5
Natural gas.....do..	16,411.5	12,918.1
Assets (end of year).....do..	(X)	92,357.5
Exploration drilling expenditures.....do..	3,752.8	3,229.9
Development drilling expenditures.....do..	6,371.7	5,663.3
Relative standard error estimates for--		
Crude petroleum and condensate.....percent..	2	2
Natural gas.....do..	5	2
Assets.....do..	(X)	1
Exploration drilling expenditures.....do..	5	4
Development drilling expenditures.....do..	3	2

(X) Not applicable.

## Appendix D—Continued

For example, suppose an estimated total, is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 included the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These

operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.



## Appendix E

### DATA ITEMS USED FOR COMPUTING RATIOS FOR DISAGGREGATIVE TABLES

(See Appendix A for copy of report form and instructions)

Table number	Numerator line number(s) and column(s) on report form and instructions	Denominator line number(s) and column(s) on report form and instructions
17	6c	1c
8	9c	4c
9	5c - (37c + 47k)	47f - 47l
10	12c	5c
11	13c	12c
12	26c	12c
13	37c	12c
14	6h + 9h	6c + 9c
15	6i + 9i	6c + 9c
18	14c + 27c	13c + 26c
19	15c + 28c	14c + 27c
20	14c	12c
21	2f	1f

<sup>1</sup>The crude petroleum unit values used to disaggregate company data were obtained by dividing the crude petroleum and condensate revenue reported in line 6, column c by the quantity of crude petroleum and condensate reported in line 1, column c for each company. Ratios for other tables were derived in a similar manner.





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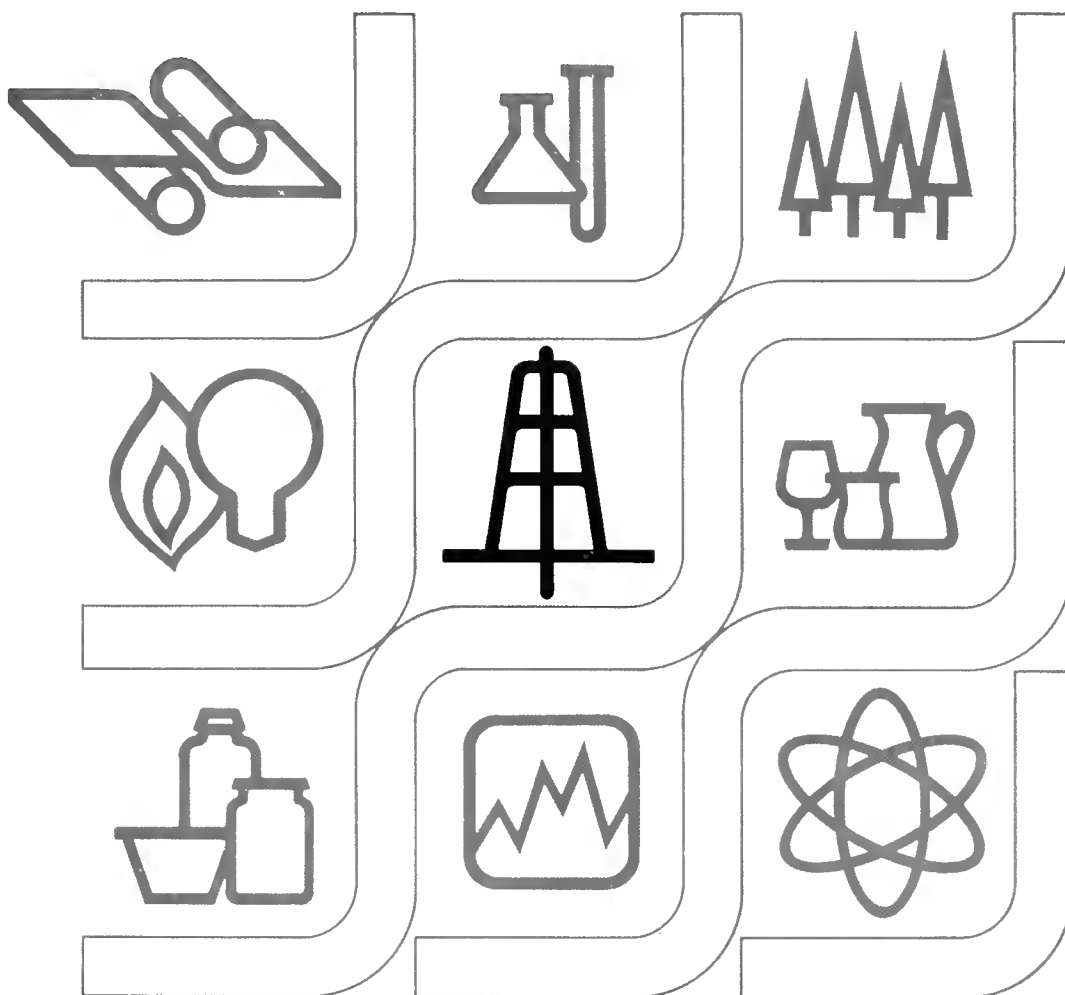
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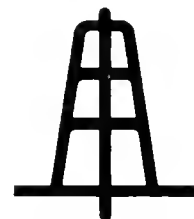
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**Shirley Kallek, Associate Director**  
**for Economic Fields**

**INDUSTRY DIVISION**  
**Roger H. Bugenhagen, Chief**

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**ACKNOWLEDGMENTS**—This report was prepared in the Industry Division, Bureau of the Census, under the direction of **John P. McNamee**, Chief, Minerals Branch. **Frank W. Roy** was assisted by **Dale Malabarba** and **Hun Sik Kim** in the review of the data and preparation of the report. **Desmond Carron** was assisted by **Kenneth Harris** in providing computer programming services. **Milton Eisen**, Chief, of the division (to January 1980), **Roger Bugenhagen**, his successor, and **Arthur W. Horowitz**, provided overall direction and coordination to this project.

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# Introduction

## GROSS OPERATOR BASIS STATISTICS

### Revenues and Volumes

Revenues for crude petroleum, condensate, and natural gas on a gross operator basis<sup>1</sup> amounted to \$46,996 million in 1978, an increase of 12 percent from the 1977 figure of \$41,892 million. (Note: 1977 figures have been revised throughout this report based upon respondent contacts.)

Crude petroleum and condensate revenues accounted for 58 percent of 1978 revenues and amounted to \$27,381 million, an increase of 9 percent from the 1977 figure of \$25,076. The 1978 gross operator sales volume of 3,148 million barrels of crude petroleum and condensate was 4 percent greater than the 1977 level of 3,017 million barrels. This increase was due to the continued expansion of Alaska North Slope production. The average unit values of crude petroleum increased by 70 percent from 1973 to 1974, by 12 percent from 1974 to 1975, by 7 percent from 1975 to 1976, by 5 percent from 1976 to 1977, and by 5 percent from 1977 to 1978. These changes and other trends in levels of sales volumes and revenues for crude petroleum statistics on a gross operator basis are depicted in chart A.

Unlike crude petroleum, natural gas revenue increases have been spread more uniformly over the six years covered by this survey. Revenues for natural gas increased about 35 percent in each year from 1973 to 1977 and 17 percent from 1977 to 1978, resulting in an overall increase in gas revenues of 284 percent from 1973 to 1978. During this same period natural gas unit values increased by 341 percent. This higher percentage reflects the decrease in natural gas sales volumes from 2,315 billion cubic feet in 1973 to 19,437 billion cubic feet in 1978. Natural gas sales volumes decreased 2 percent from 1973 to 1974, 7 percent from 1974 to 1975, 3 percent from 1975 to 1976, 2 percent from 1976 to 1977, and 1 percent from 1977 to 1978. These trends in the levels of revenues, sales volumes, and average unit values for natural gas on a gross operator basis are illustrated in chart B.

Since 1973, natural gas revenues have increased relatively more, and (until 1977) sales volumes have decreased relatively less than those for crude petroleum and condensate. In part, the higher percentage increases in natural gas revenues versus those for crude petroleum and lease condensate are due to differing regulatory schemes. Up to December 1978, intrastate gas sales at the wellhead did not have price ceilings

associated with them, and therefore, intrastate prices have tended to rise commensurate with demand. While overall natural gas shipments have been decreasing, a greater proportion of natural gas production has been committed to intrastate sales, thereby increasing the relative amount of gas sold at higher prices. A substantial portion of intrastate sales went to manufacturing establishments located in Texas and Louisiana. Manufacturers in these two States accounted for 37 percent of all natural gas used by manufacturing establishments for heat and power in 1977.<sup>2</sup> Approximately 70 percent of domestic natural gas is produced in these two States.<sup>3</sup>

### Expenditures

Gross operator expenditures for drilling and equipping wells completed during 1978 totaled \$11,164 million. This was a 23 percent increase over the 1977 figure of \$9,076 million. In 1978, expenditures for completed development wells amounted to \$6,751 million. This continued the 1973 to 1977 trend where expenditures for development well completions exceeded those for exploration well completions. Between 1977 and 1978, the rate of increase in expenditures for exploration well completions was greater than the rate of increase for development well completions. This is a reversal of the 1974 to 1977 trend.

During 1978, expenditures for completed gas wells amounted to \$4,529 million, exceeding expenditures for completed oil wells which were \$3,120 million. Similarly, the 1977 and 1976 expenditures for completed gas wells exceeded expenditures for completed oil wells (by 48 and 28 percent respectively). During 1973, 1974, and 1975, expenditures for completed oil wells slightly exceeded expenditures for completed gas wells. From chart C it can be seen that gas development wells, rather than exploratory wells, were responsible for the sizable increase in expenditures for completed gas wells.

Table A shows the percentage of drilling and equipping expenditures that resulted in producing wells. It can be seen that this success rate has fluctuated over the 1973 to 1978 period. The success rate for development wells has shown less variation than the rate for exploration wells.

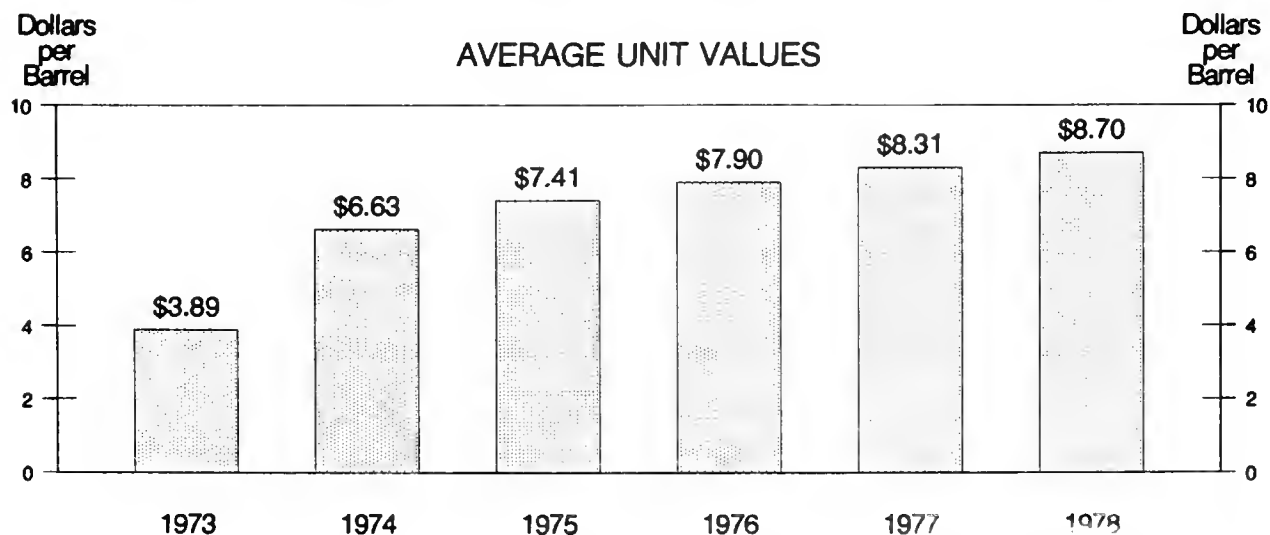
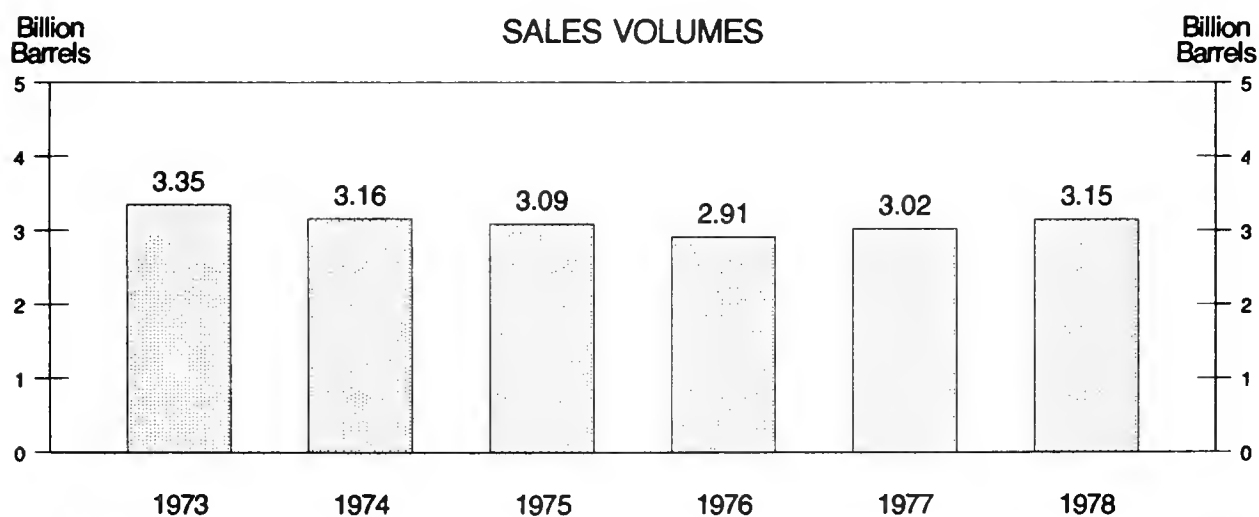
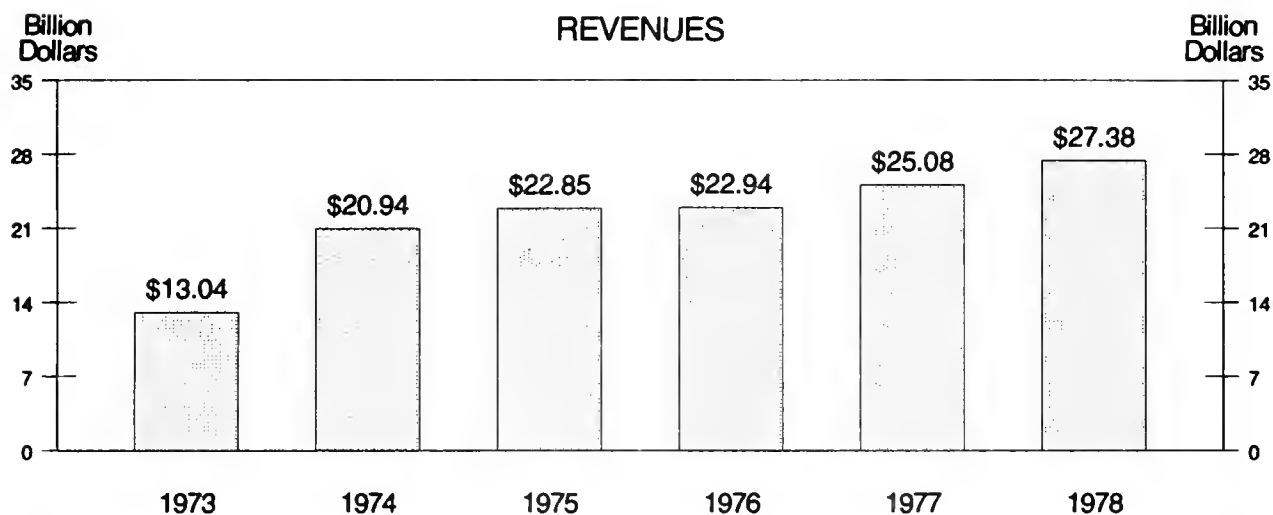
From table B it can be determined that exploration wells from gas leases have had a greater success rate than have exploration wells from oil leases. Conversely, development wells from oil leases have had a slightly higher success rate than have development wells from gas leases.

<sup>1</sup> See section "Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1978" for definition of terms.

<sup>2</sup> 1977 Census of Manufactures: **Fuels and Electric Energy Consumed**, U.S. Bureau of the Census.

<sup>3</sup> **Natural Gas, Annual**, U.S. Department of Energy.

**CHART A. Crude Petroleum and Lease Condensate  
Revenues, Sales Volumes, and Average Unit Values  
1973 to 1978**  
(Gross operator basis)



**CHART B. Natural Gas**  
**Revenues, Sales Volumes, and Average Unit Values**  
**1973 to 1978**  
**(Gross operator basis)**

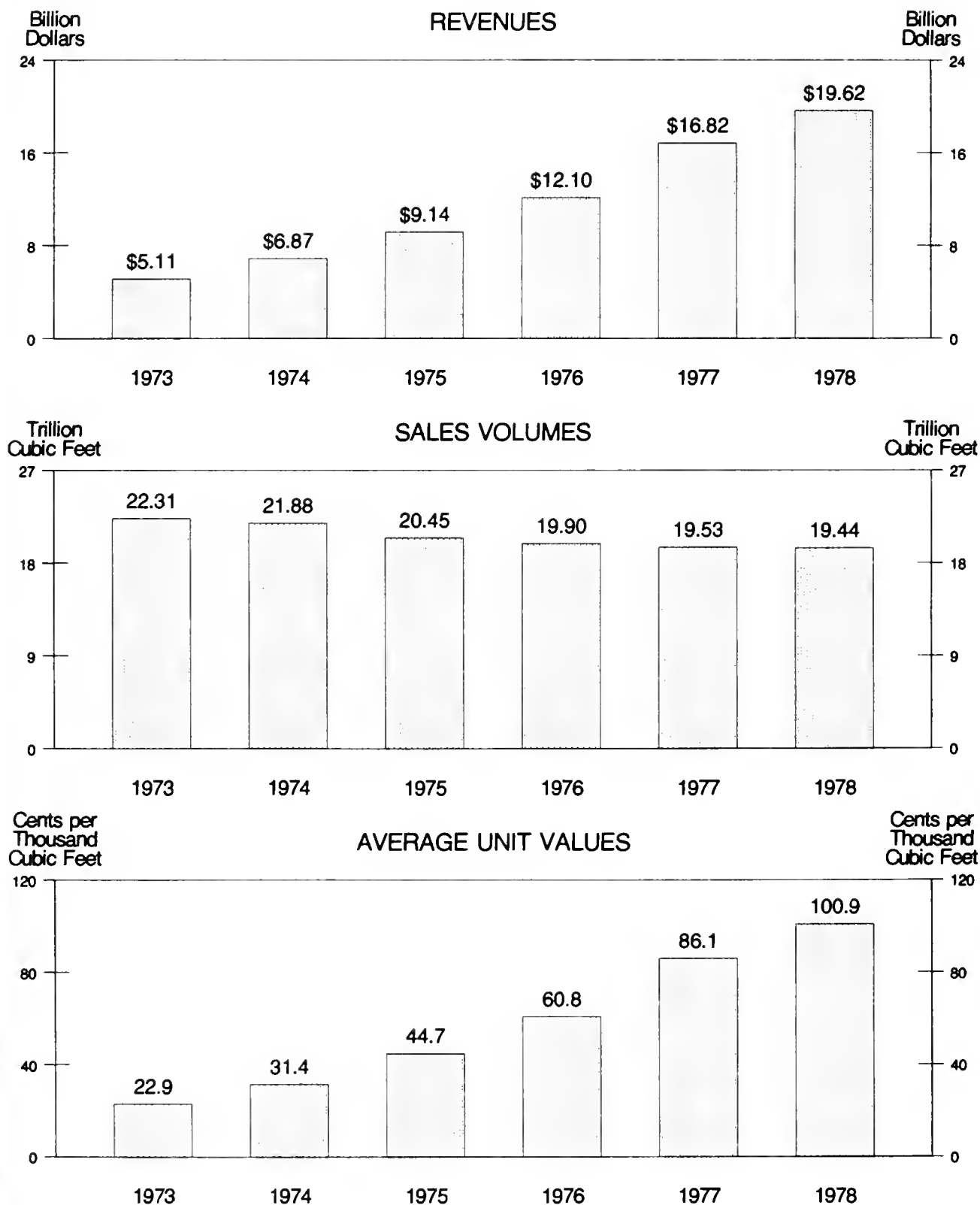
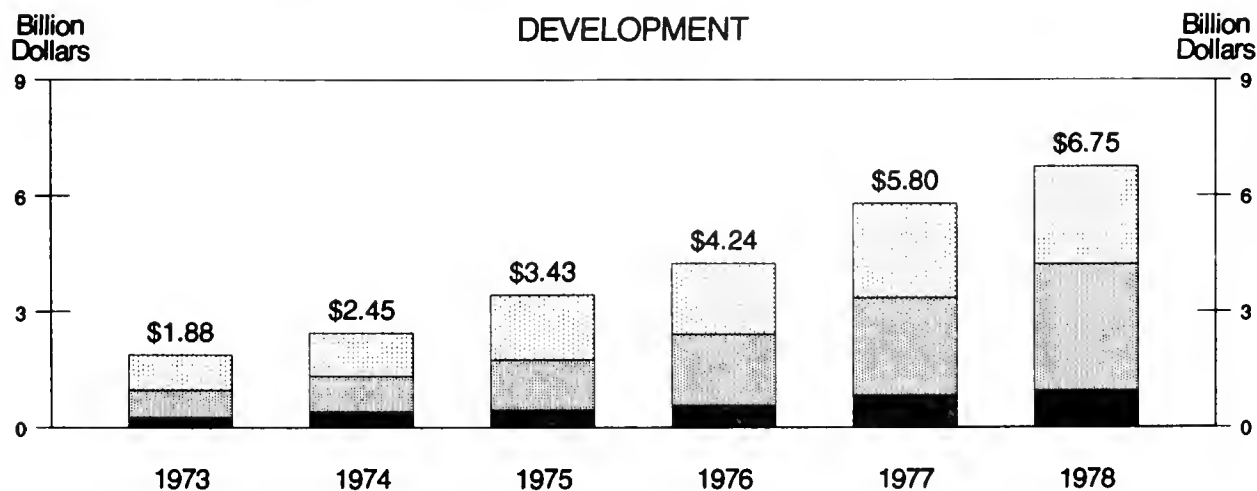
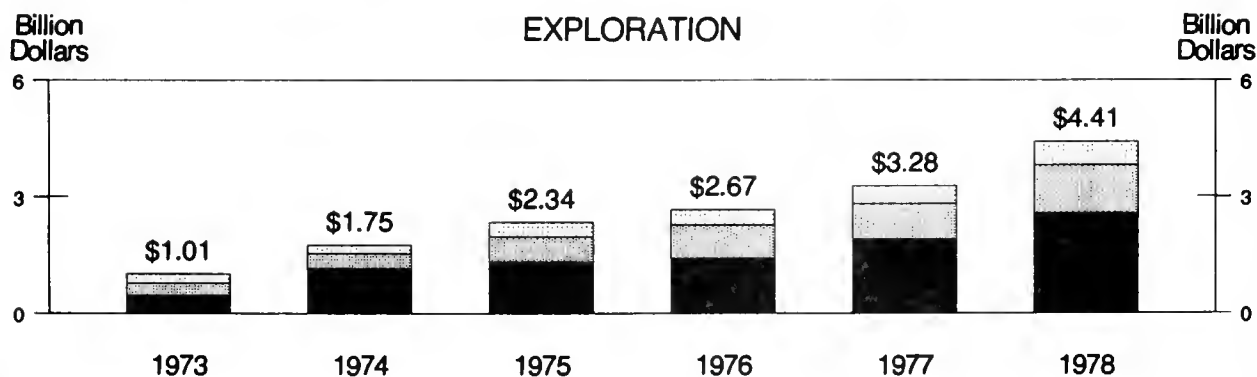
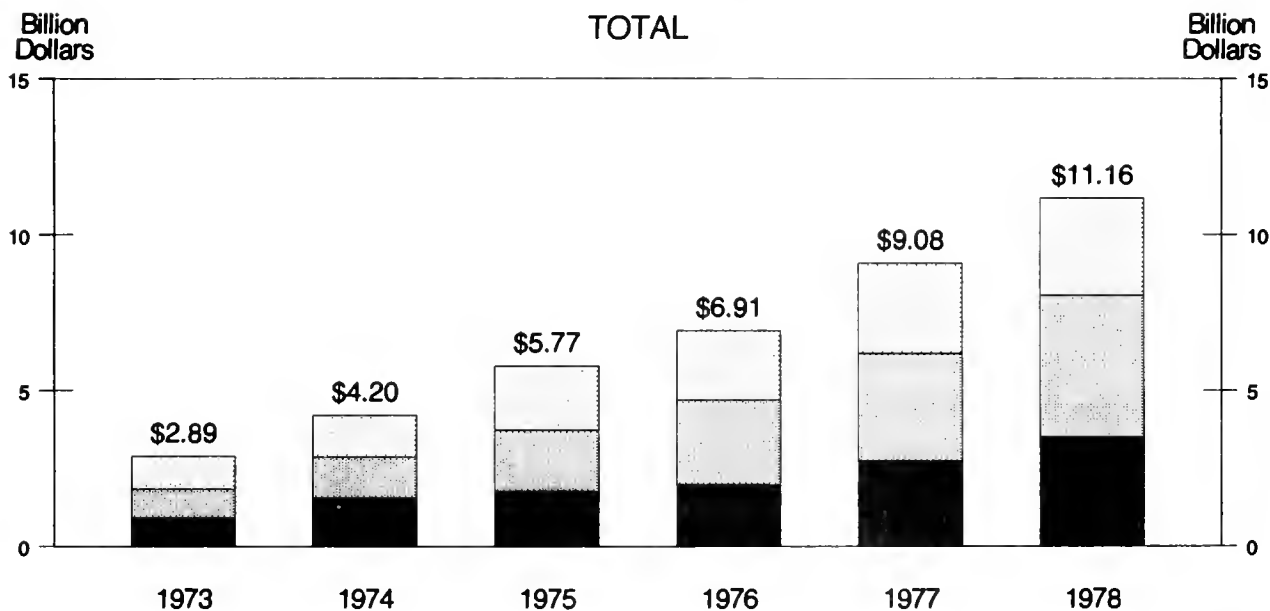


Chart C. Expenditures for Wells Completed  
During the Year: 1973 to 1978  
(Gross operator basis)



The drilling success rate is a function of a number of factors such as expected product prices, estimates of recoverable reserves, and operating costs which determine whether a project is economical. A dry hole is defined as a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well. This category, in conformance with standard industry nomenclature, includes wells which are temporarily abandoned even though substantial quantities of oil and gas may have been discovered. Separate data for these wells are not available.

Since 1973, expenditures for drilling and equipping wells incurred within each year have been greater than expenditures

for wells completed during each year. However, in 1977, the rate of increase for these expenditures was less than the rate of increase for wells completed during the year. This was the result of a substantial shift in North Slope wells from the work-in-progress category to completed wells when the Trans-Alaskan pipeline became operational. The 1977 decreases in the total and development work-in-progress adjustment figures also represent the only decreases in gross operator drilling statistics since 1973. This and other relationships for gross operator statistics for the years 1973 to 1978 are shown in tables 1 and 2 of this publication.

Table A. DRILLING EXPENDITURES AND SUCCESS RATES, BY TYPE OF WELL: 1973 TO 1978

(Gross Operator Basis)

Year	Total			Exploration wells			Development wells		
	Expenditures for all wells completed (mil. dol.) (A)	Expenditures for successful wells (mil. dol.) (B)	Success rate (col. B÷col. A) (percent) (C)	Expenditures for all wells completed (mil. dol.) (D)	Expenditures for successful wells (mil. dol.) (E)	Success rate (col. E÷col. D) (percent) (F)	Expenditures for all wells completed (mil. dol.) (G)	Expenditures for successful wells (mil. dol.) (H)	Success rate (col. H÷col. G) (percent) (I)
1978. . . .	11,164.1	7,649.7	69	4,412.9	1,844.4	42	6,751.2	5,805.3	86
1977. . . .	9,076.3	6,339.9	70	3,279.3	1,371.0	42	5,797.1	4,968.9	86
1976. . . .	6,908.1	4,935.4	71	2,665.5	1,258.8	47	4,242.6	3,676.6	87
1975. . . .	5,775.5	4,006.2	69	2,341.9	1,024.3	44	3,433.6	2,981.9	87
1974. . . .	4,198.5	2,636.2	63	1,753.5	596.9	34	2,445.0	2,039.3	83
1973. . . .	2,889.1	1,970.3	68	1,010.7	349.8	35	1,878.4	1,620.5	86

†Revised.

Table B. DRILLING SUCCESS RATES FOR OIL AND GAS LEASES: 1973 TO 1978

(Net Company Interest Basis)

Year	Success rate (percent)					
	Oil leases		Gas leases		Combination leases	
	Exploration	Development	Exploration	Development	Exploration	Development
1978. . . . .	36	87	52	85	25	88
1977. . . . .	36	90	53	85	32	86
1976. . . . .	42	89	50	85	34	87
1975. . . . .	44	90	51	83	33	86
1974. . . . .	38	89	45	82	24	84
1973. . . . .	37	89	44	83	39	87

For 1978, the number of wells (32,928) and total footage drilled (189,573,000 feet) increased 5 and 7 percent respectively over their 1977 levels. Concurrently, costs of drilling and equipping wells increased 23 percent from 1977 to 1978. The 16 to 18 percent difference between the latter measure and the former measures is largely attributable to inflation although no adjustments have been made for well type, geographic area, geological formation, well depth, or technological change. Chart D illustrates that while most of the footage drilled was accomplished by smaller companies, larger companies drilled deeper wells and had higher costs per foot for their drilling and equipping operations. Figures for chart D were derived from table 17.

## NET COMPANY INTEREST BASIS STATISTICS

### Revenues, Volumes, and Expenditures

The major portion of the Annual Survey of Oil and Gas deals with statistics reported on a net company interest basis.<sup>4</sup> Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totaled \$22,165 million in 1978 with a corresponding volume of 2,555 million barrels. Natural gas revenues were \$14,954 million with a corresponding quantity of 15,192 billion cubic feet. The 1978 unit value for crude petroleum and lease condensate on a net company interest basis (\$8.67 per barrel) varied by less than 1 percent of the unit value on a gross operator basis (\$8.70 per barrel). The net company interest unit value for natural gas was 98.4 cents per thousand cubic feet while on a gross operator basis it was 100.9 cents per thousand cubic feet, a difference of less than 3 percent.

The distribution of crude petroleum and condensate sales during 1978, 1977, and 1976 based on the average unit value calculated for each company is shown in chart E. Since reporting for this survey is done at the company level, all crude petroleum and condensate sold by a company was assigned that company's average sales value for purposes of the chart. Thus, the 643 million barrels shown for 1978 for the range \$7.75 to \$8.24 represents the total sales volumes of all companies with an average price per barrel within that range. The figure may differ substantially from the actual quantity sold by all companies at a price within this range.

The distribution of natural gas sales during 1978, 1977, and 1976 based on the average unit value calculated for each company is shown in chart F. This chart was developed using the same methodology as used for chart E. It should be noted that this survey does not collect separate information on intra-company transfers (e.g., transfers within integrated oil and gas companies), nor does it provide a breakdown of interstate and intrastate gas sales. Thus, a complete assessment of the meaning of these distributions is not possible. Another factor

contributing to the fluctuations in these distributions is the long-term contracts that are amended or renegotiated from year to year. This results in significant shifts in the volume distributed in the various unit value ranges since recently revised contracts generally have substantially higher prices than those of the past.

The 1978, 1977, and 1976 average unit values for offshore crude petroleum increased more than those for onshore crude petroleum (chart G, part 1). During the 1973 to 1975 period however, the value of crude produced onshore showed the greater increase in average unit value. The natural gas unit value for offshore areas increased relatively more than the corresponding figures for onshore areas for 1977 and 1978. This reverse the year-to-year unit value pattern of natural gas from 1973 to 1976 (chart G, part 2).

Chart H presents drilling statistics for onshore and offshore wells completed during 1978 by well type (oil, gas, and dry wells).

### Stripper Well Statistics

Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have shown a positive relationship to price increases. Stripper well output, which is sold at uncontrolled prices, has increased in each of the past five years. The stripper well lease sales volumes increased 55 percent from 1973 to 1978. Between 1973 and 1978, the average unit value of crude petroleum and condensate for companies with 60 percent or more stripper well lease specialization in the onshore lower 48 States increased 230 percent, from \$3.55 per barrel to \$11.73 per barrel (table C), while the rate of increase for all companies was 138 percent. The stripper well lease proportion of crude petroleum and condensate volumes has gradually increased from 7.8 percent in 1973 to 12.5 percent in 1978. The higher level of sales of crude petroleum from stripper well leases may, in part, be attributed to the higher prices paid for stripper output. The significant increase in prices for stripper output between 1973 and 1978 more than offset increases in operating costs, tending to extend the economic life of marginal wells and thereby increasing total stripper lease output. Table C partially illustrates this point. Note that in 1973, when for three-quarters of the year crude petroleum prices were not regulated, that no definite pattern of prices appeared by stripper well lease specialization ratio, while from 1974 to 1978 prices tended to decrease as companies became less specialized in stripper well output. In all years, the amount of expenditures to revenues tended to be greater for companies with large shares of output from stripper wells. The relatively great price increases for companies with higher proportions of stripper output enabled them to increase stripper output since costs did not increase as much as their product prices. Part of the price/cost advantage obtained from 1973 to 1974 was lost during the 1974 to 1978 period. This is illustrated by the ratio of direct operating expenditures to lease revenues shown

<sup>4</sup> See footnote 1.



CHART D. Drilling Statistics for Companies  
Ranked by Total Lease Revenues: 1978  
(Gross operator basis)

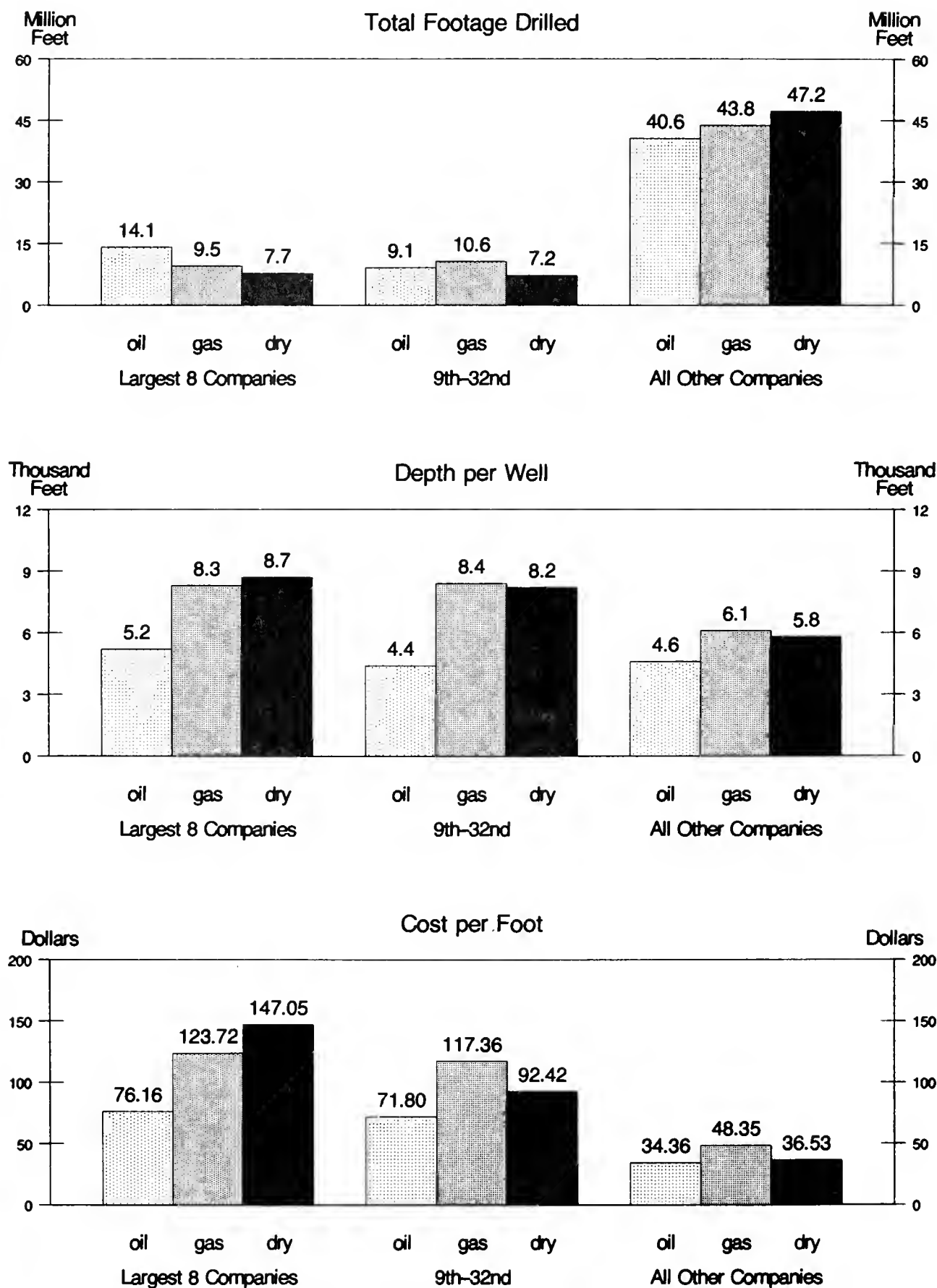


CHART E. Distribution of Crude Petroleum and Lease Condensate  
Sales Volumes Based on the Average Unit Value  
of Each Company (Dollars per Barrel)  
1976 to 1978  
(Net Company Interest)

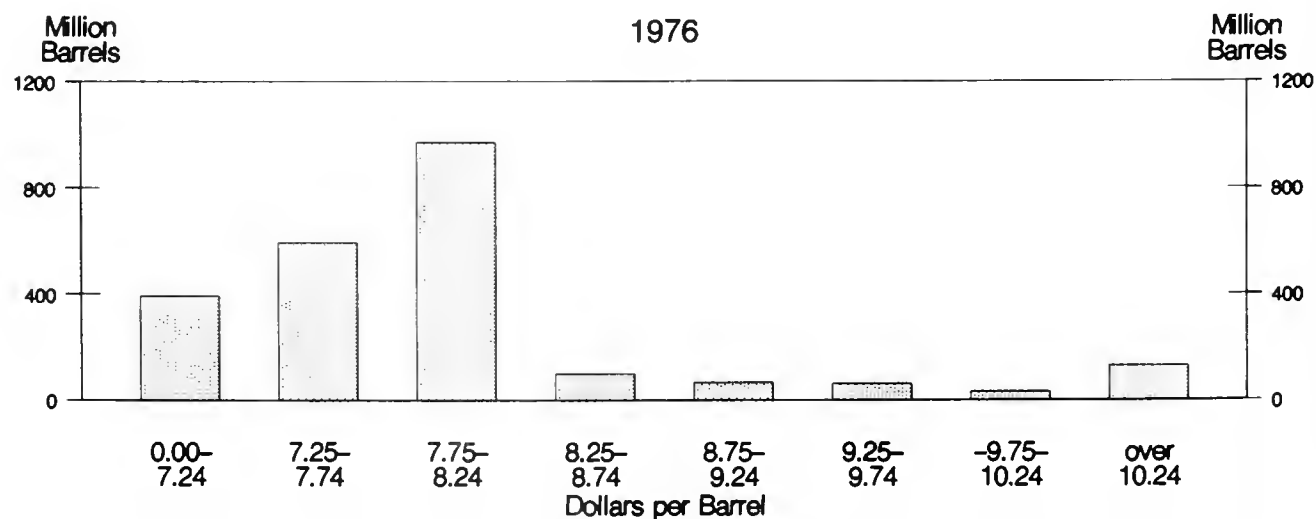
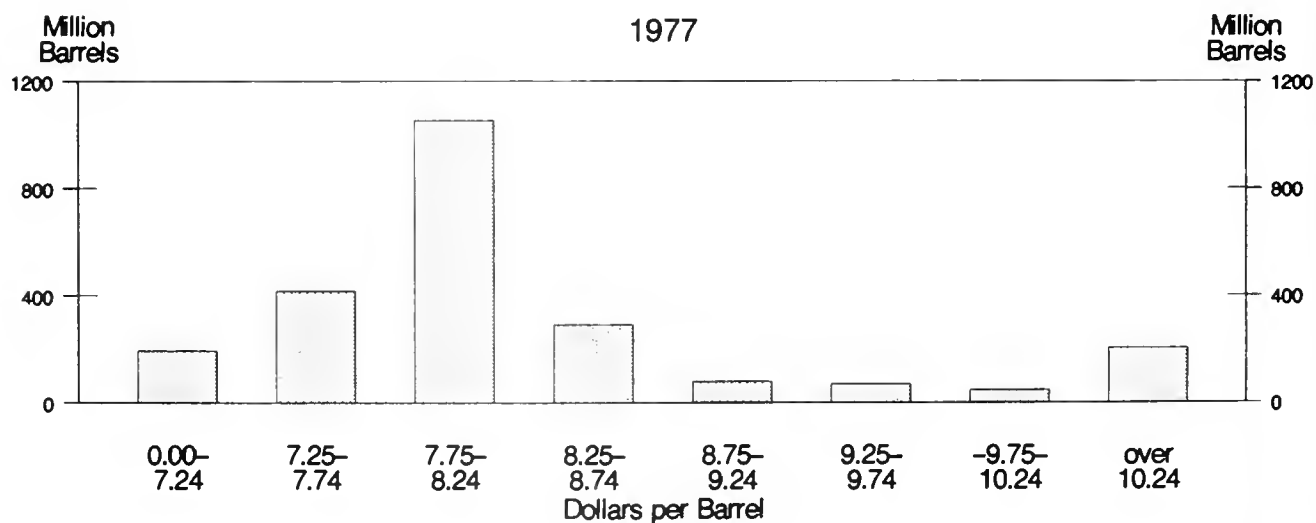
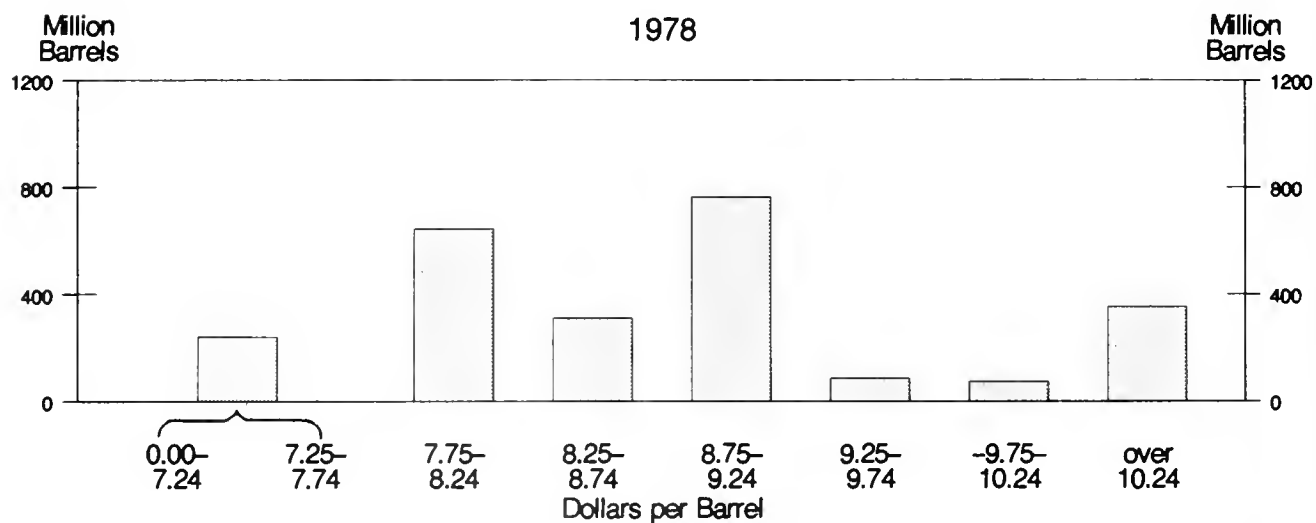


CHART F. Distribution of Natural Gas  
Sales Volumes Based on the Average Unit Value  
of Each Company (Cents per MCF)  
(Net company interest)

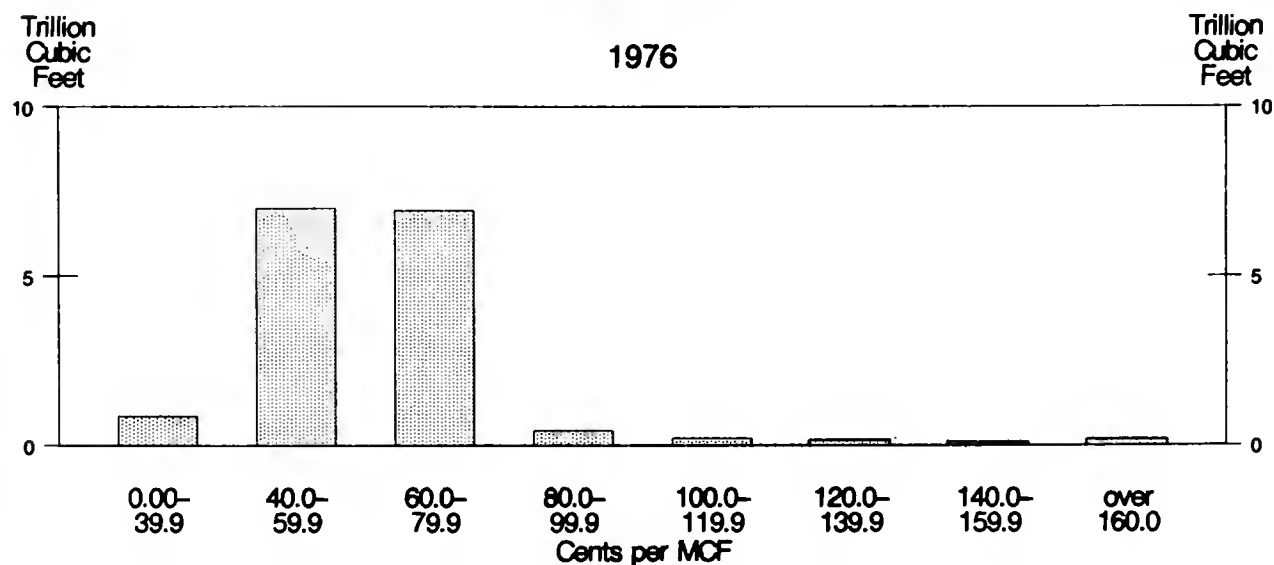
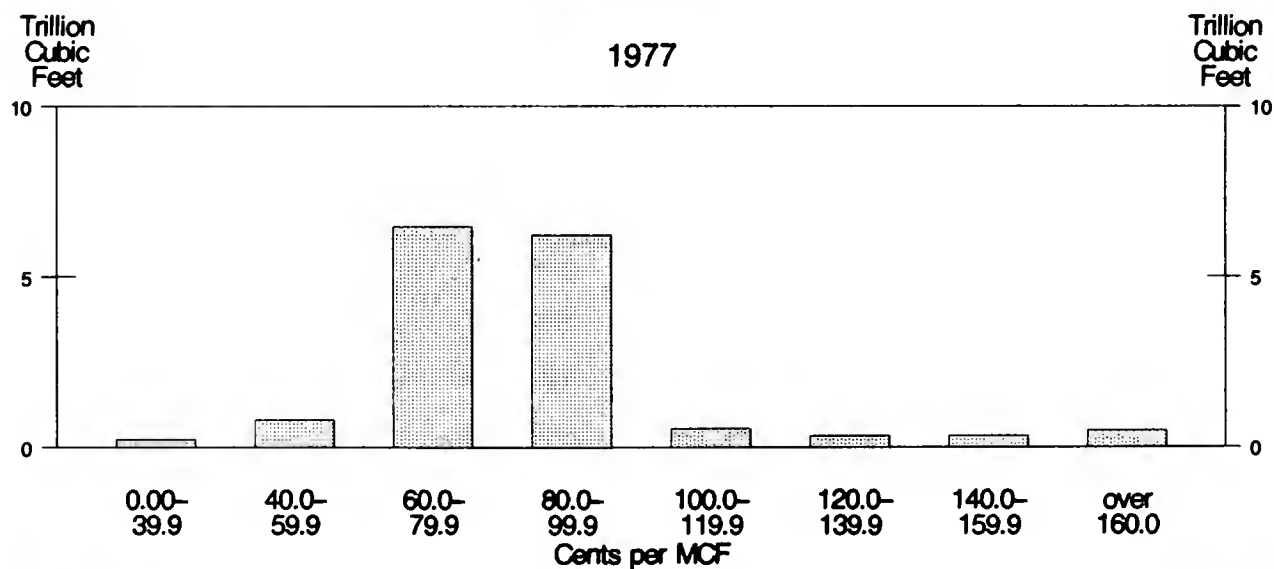
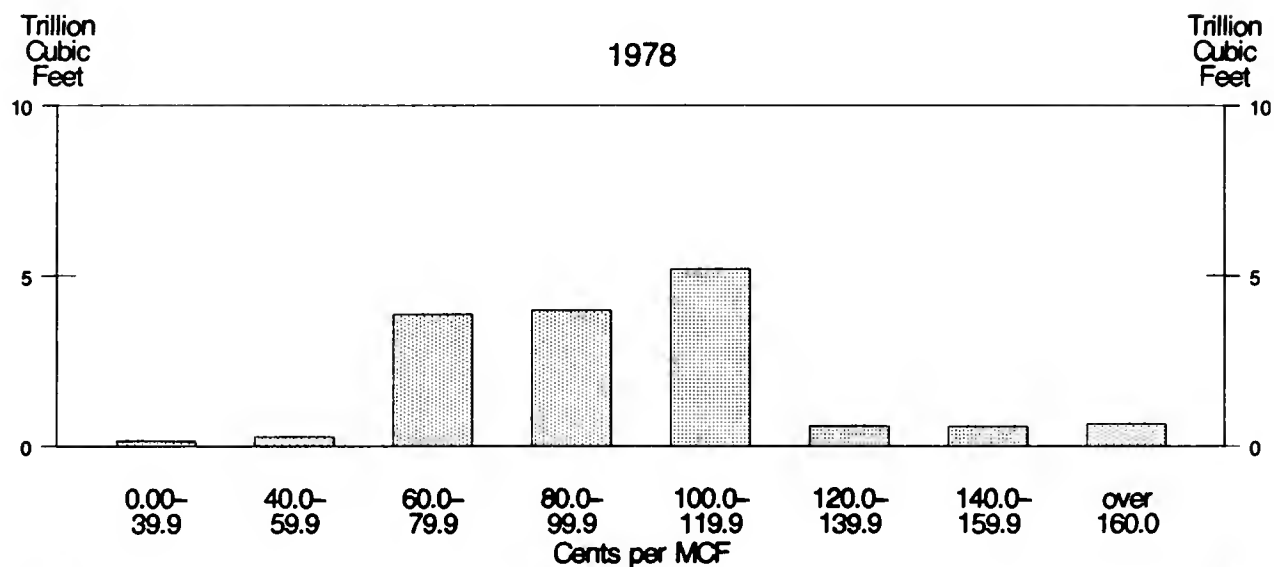


CHART G. Part 1.  
Average Unit Values of Onshore and Offshore  
Crude Petroleum and Lease Condensate: 1973 to 1978  
(Net company interest)

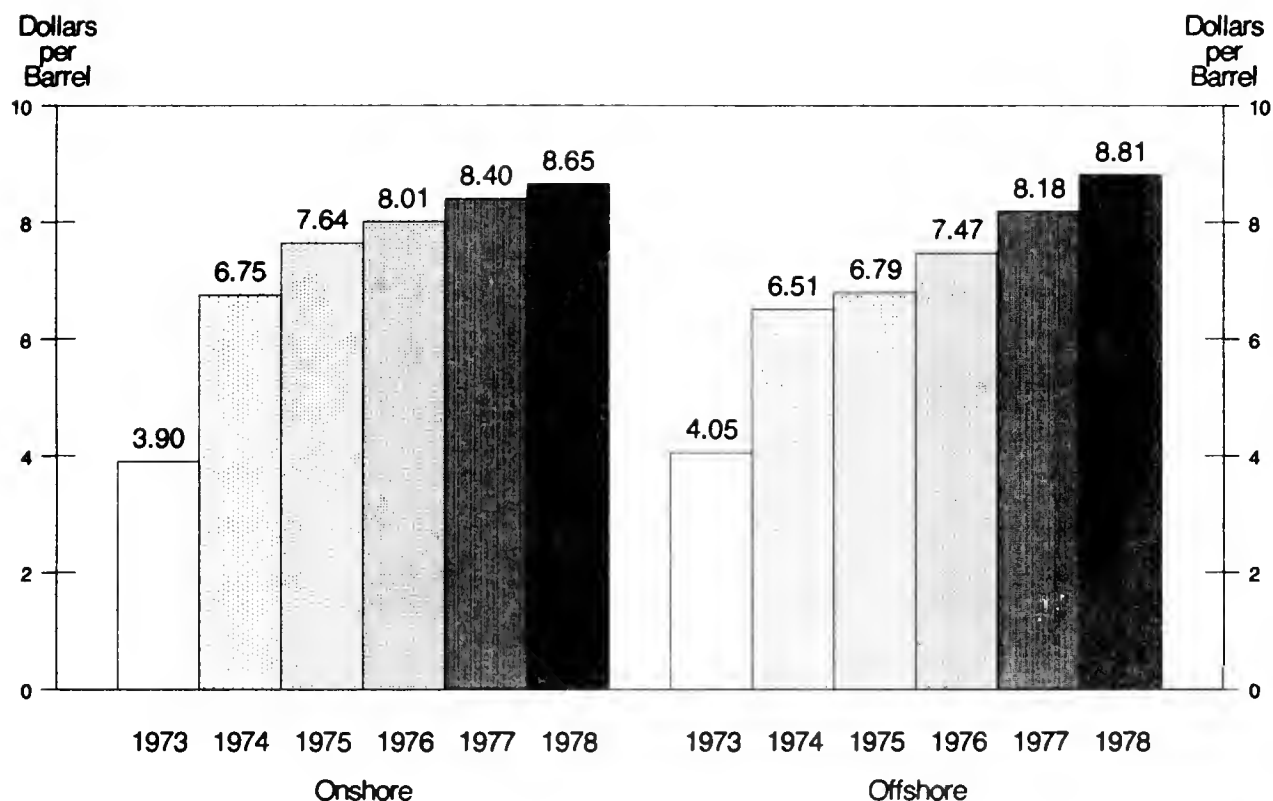


CHART G. Part 2.  
Average Unit Values of Onshore and Offshore  
Natural Gas: 1973 to 1978  
(Net company interest)

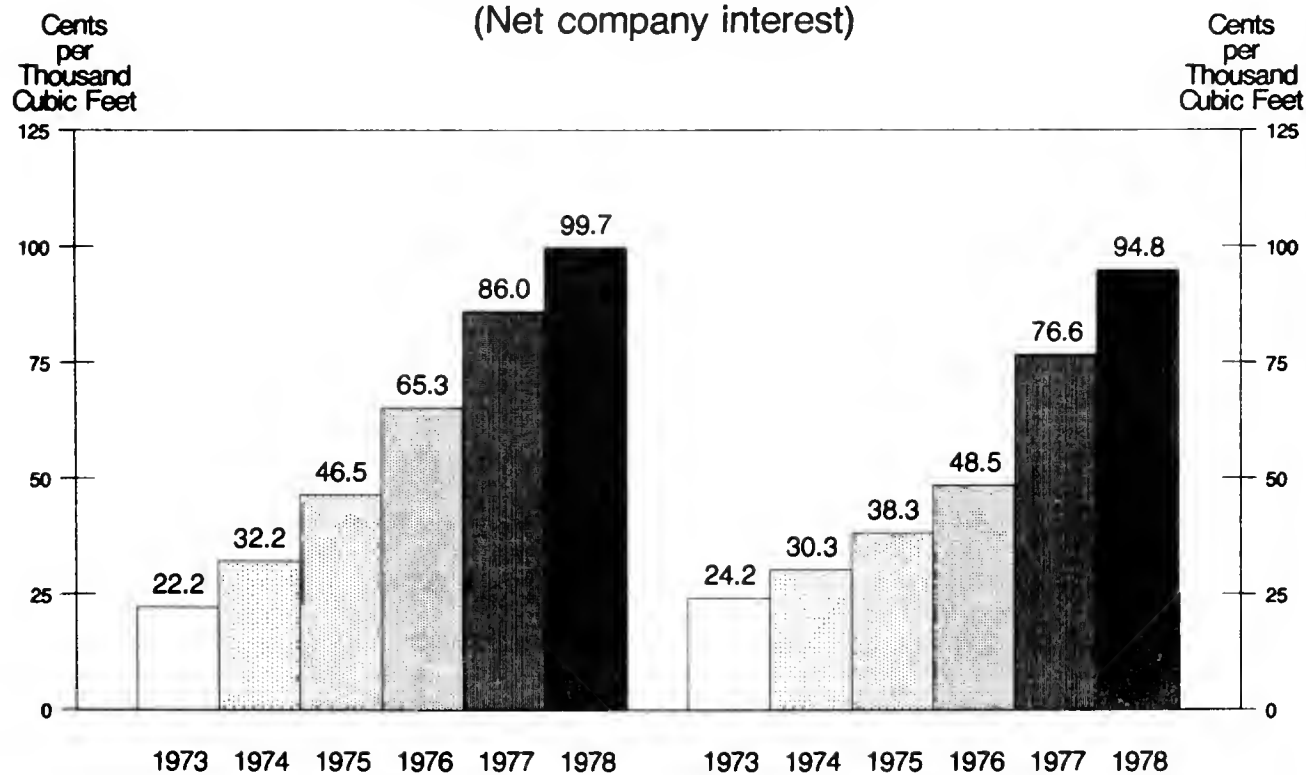


CHART H. Drilling Statistics for Onshore and Offshore Wells Completed During 1978  
(Net company interest)

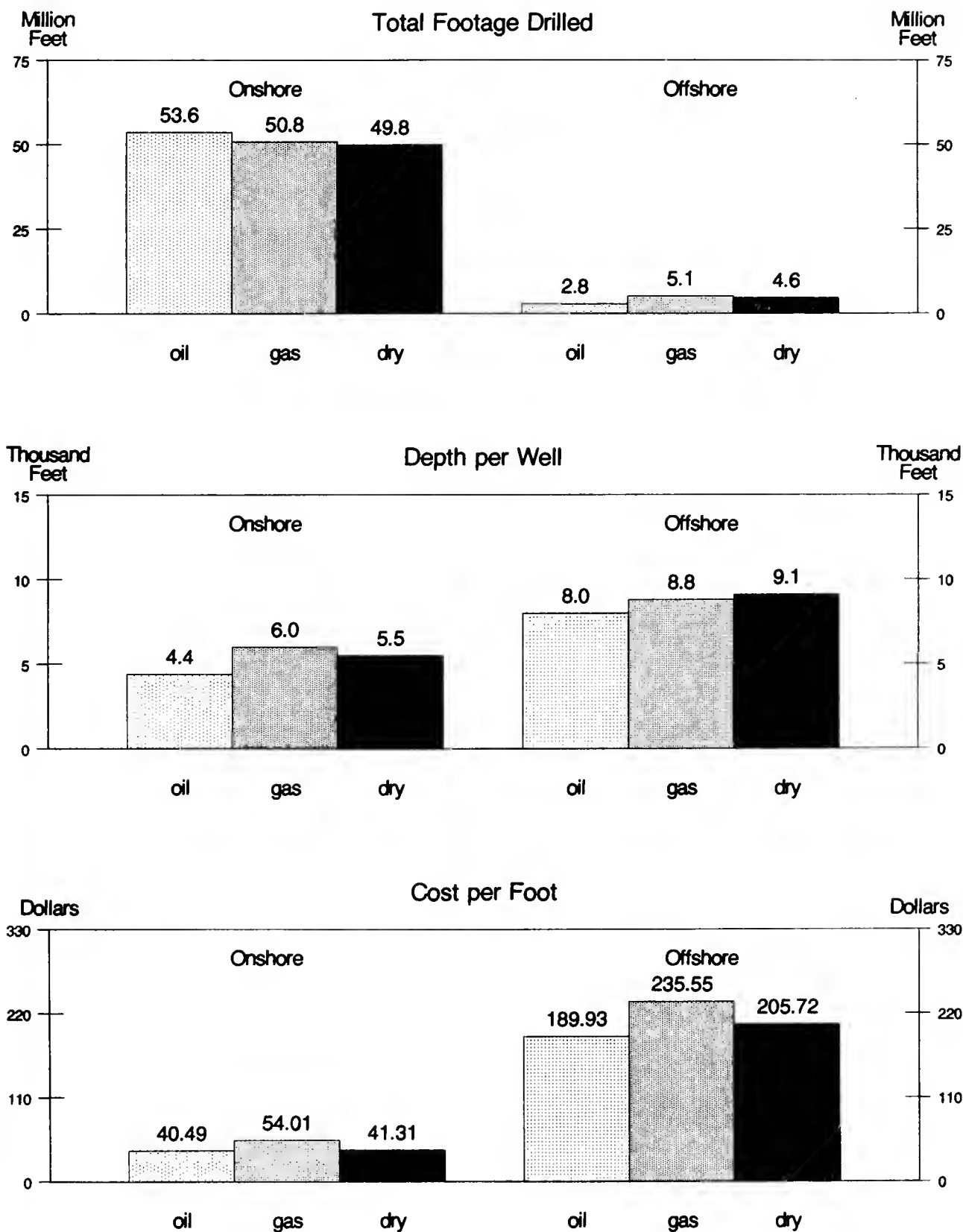


table C. Further, for companies with less than 20 percent stripper well lease sales, direct operating expenditures were 16 percent of lease revenues for both 1973 and 1978<sup>5</sup>. Table C also shows tendency for output to come increasingly from companies in progressively higher stripper well lease specialization groups; e.g., the share of output from companies with less than 5 percent specialization decreased from 50 percent of the lower 48 States' output in 1973 to 18 percent in 1978 whereas companies within the .100 to .199 range increased from 7 percent in 1973 to 47 percent in 1978.

<sup>5</sup>Ratios for 1973 were derived from table 16, 1973 *Annual Survey of Oil and Gas*.

## Company Distributions

Chart I shows the amounts of various items accounted for by the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenue values. Part 1 presents the oil and gas revenues of these groups of companies. The largest eight companies' domestic oil and gas revenues of \$16.7 billion in 1978 amounted to 45 percent of all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the revenue figure, the largest eight companies' ownership share (of 1978 gross operator revenues) was reduced to 36 percent.

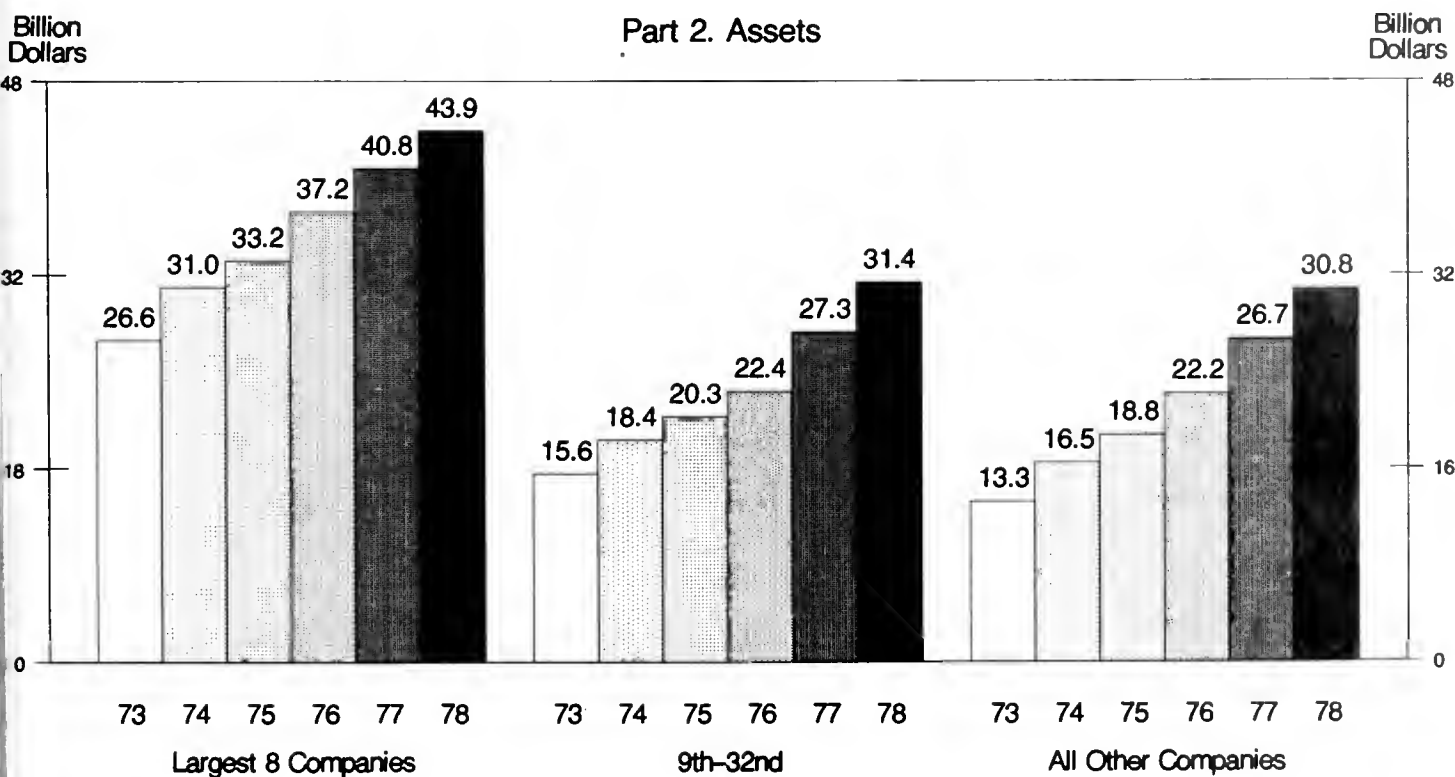
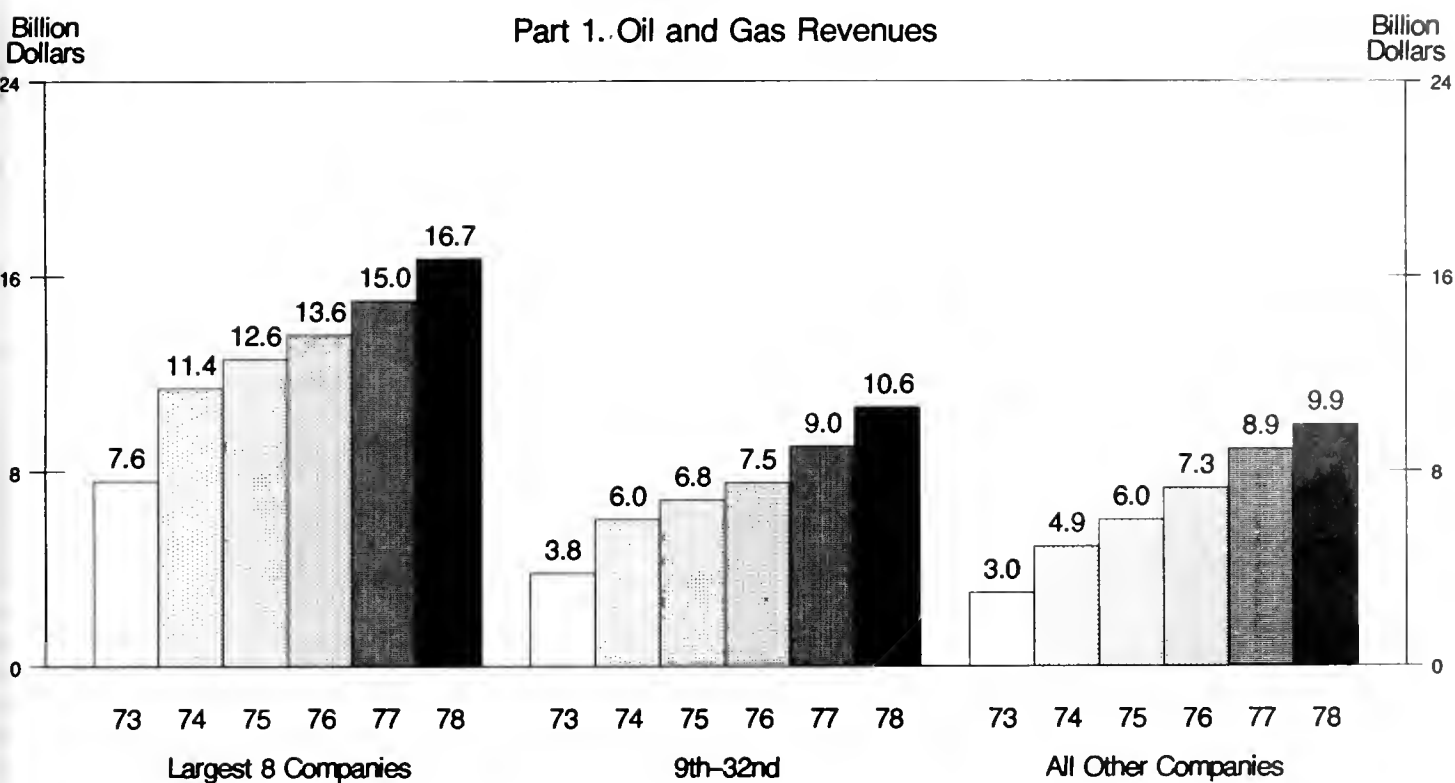
Table C. SELECTED RATIOS FOR THE LOWER 48 STATES, BY STRIPPER WELL LEASE SPECIALIZATION: 1973 TO 1978

(Net company interest)

Item and year	All companies	.000— .049	.050— .099	.100— .199	.200— .299	.300— .399	.400— .499	.500— .599	.600 and over
Direct operating expenditures to lease revenues:									
1978 .....	.170	.126	.141	.190	.188	.203	.175	.182	.243
1977 .....	.161	.102	.184	.176	.162	.195	.243	.241	.236
1976 .....	.155	.103	.164	.170	.179	.183	.247	.220	.278
1975 .....	.153	.099	.168	.157	.179	.205	.241	.235	.267
1974 .....	.140	.110	.149	.142	.208	.188	.194	.185	.235
1973 .....	.176	.184	.131	.198	.223	.247	.227	.335	.357
Crude petroleum and condensate unit value (dollars per barrel):									
1978 .....	9.30	9.61	8.97	8.84	9.31	10.93	11.67	11.71	11.73
1977 .....	8.51	8.60	8.19	7.92	8.86	9.73	10.05	10.09	11.59
1976 .....	8.02	8.01	7.72	7.70	8.99	9.05	9.49	9.26	10.91
1975 .....	7.65	7.60	7.35	7.55	8.66	8.88	8.61	9.73	10.00
1974 .....	6.75	6.73	6.53	6.66	7.40	6.98	7.43	7.04	8.84
1973 .....	3.90	3.88	3.98	3.98	3.66	3.70	3.94	4.07	3.55
Percentage of total crude petroleum and condensate:									
1978 .....	100.0	18.3	18.9	47.4	5.9	1.4	1.4	0.6	6.0
1977 .....	100.0	26.9	26.6	33.5	4.7	1.7	1.9	0.6	5.7
1976 .....	100.0	28.0	29.9	30.9	3.3	1.4	1.2	1.3	4.0
1975 .....	100.0	38.6	42.8	18.7	2.6	1.3	1.3	0.5	4.3
1974 .....	100.0	39.5	41.7	9.3	2.2	1.2	1.0	0.6	4.5
1973 .....	100.0	50.3	33.9	7.2	1.9	1.2	1.1	0.4	4.0

Note: The stripper well lease specialization ratios were derived individually for each year by dividing the quantity of stripper well lease crude petroleum and condensate by the total quantity of crude petroleum and condensate sales for each company.

**CHART I. Distribution of Selected Items for Companies  
Ranked by Total Lease Revenues:  
1973 to 1978  
(Net company interest)**



The ownership share of the largest eight companies has tended to decrease since 1973 when their share was 42 percent. Part 2 of chart I shows that the largest eight companies had \$43.9 billion in assets which amounted to 42 percent of the industry's total. There has been an annual decline in the largest eight companies' share of total assets of around 1 percent per annum since 1973, when their share amounted to 48 percent.

## Geographical Distributions

Chart J provides the geographical distribution of oil and gas revenues and of assets for 1973 through 1978. The increase in revenues for Alaska reflects output from North Slope crude petroleum productive capacity developed since 1967. Without the 250 million barrel increase from onshore Alaska, total sales volumes for the United States would have declined from 1977 levels since sales from all other areas decreased by 85 million barrels of crude petroleum. The share of royalty interest held by private owners is greater in the onshore lower 48 States than in Alaska or in offshore areas since royalty interest in the latter areas are usually held by governments. Also, investments in the onshore lower 48 States are usually older than in Alaska or the offshore lower 48 States. These factors limit the usefulness of some of the percentage comparisons by geographic areas.

## Lease Acquisitions

Expenditures for acquiring nonproducing leases totaled \$2.9 billion in 1978. Such expenditures have fluctuated considerably during the 1973 to 1978 time period, particularly for offshore lease acquisitions. A predominant part of these expenditures occurred at the Federal Outer Continental Shelf (OCS) sales held by the U.S. Department of Interior, Bureau of Land Management. Of the \$1.8 billion in OCS lease bonuses during 1978, \$871 million were for leases awarded during December.<sup>6</sup> Since 20 percent of the amount of each successful OCS bid had to be paid at the time of sale and the remaining 80 percent within 30 days, the majority of the December 1978 expenditures could be reported as either 1978 or 1979 costs, depending on the accounting options taken by the respective companies.

## Production and Expenditure Interrelationships

Of the net company interest total of 2,555 million barrels of crude petroleum and condensate, 2,000 million barrels were produced from leases containing only oil wells, 86 million barrels (of condensate) were produced from gas leases, and 469 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 15,192 billion cubic feet of natural gas showed that 9,915 billion cubic feet were produced from leases containing only gas wells, 1,446 billion cubic feet (of casinghead gas) were produced from leases con-

taining only oil wells, and 3,831 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart K, net company interest expenditures for exploration, development, and production amounted to \$30.5 billion in 1978. Of this total, exploration accounted for \$9.5 billion; development, \$11.0 billion; and production, \$10.0 billion. This represents an increase in total expenditures of 18 percent since 1977. The above components increased by percentages of 20, 20, and 15 respectively.

During 1978, the industry's total expenditures for exploration, development, and production increased by \$4.6 billion while lease revenues increased by \$4.3 billion. The changes in the expenditure to revenue percentage by company size groupings is shown in chart L.

## Methods of Accounting

Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that other companies would charge to current expenses. In 1978, companies using the successful efforts method of accounting capitalized 82 percent of their exploration and development expenditures, while companies using the full cost method (e.g., companies that capitalize expenditures for drilling exploratory dry holes) capitalized 94 percent of their exploration and development expenditures. If project characteristics (e.g., degree of risk) are the same for companies using alternative methods of accounting, it is logical to expect the full cost method companies to have a lower return on assets than companies using the successful efforts method. Figures in table D substantiate that the successful efforts method concerns have a higher rate of return in terms of their net revenues to net assets ratio than full cost companies; the former's rate was 39 percent while the latter's rate was 21 percent.

Table D. NET REVENUE TO NET ASSET RATIOS BY ACCOUNTING METHOD: 1978

(Net company interest basis)

Accounting method	Net revenues <sup>1</sup> (million dollars)	Net assets <sup>2</sup> (million dollars)	Net revenues to net assets (percent)
Successful efforts	17,125.3	44,333.4	39
Full costs. . . . .	2,962.8	13,985.0	21
Combination or other methods. .	1,486.9	3,597.3	41

<sup>1</sup> Net revenues were derived by subtracting production expenditures and charges to depletion, depreciation, and amortization during the year from lease revenues.

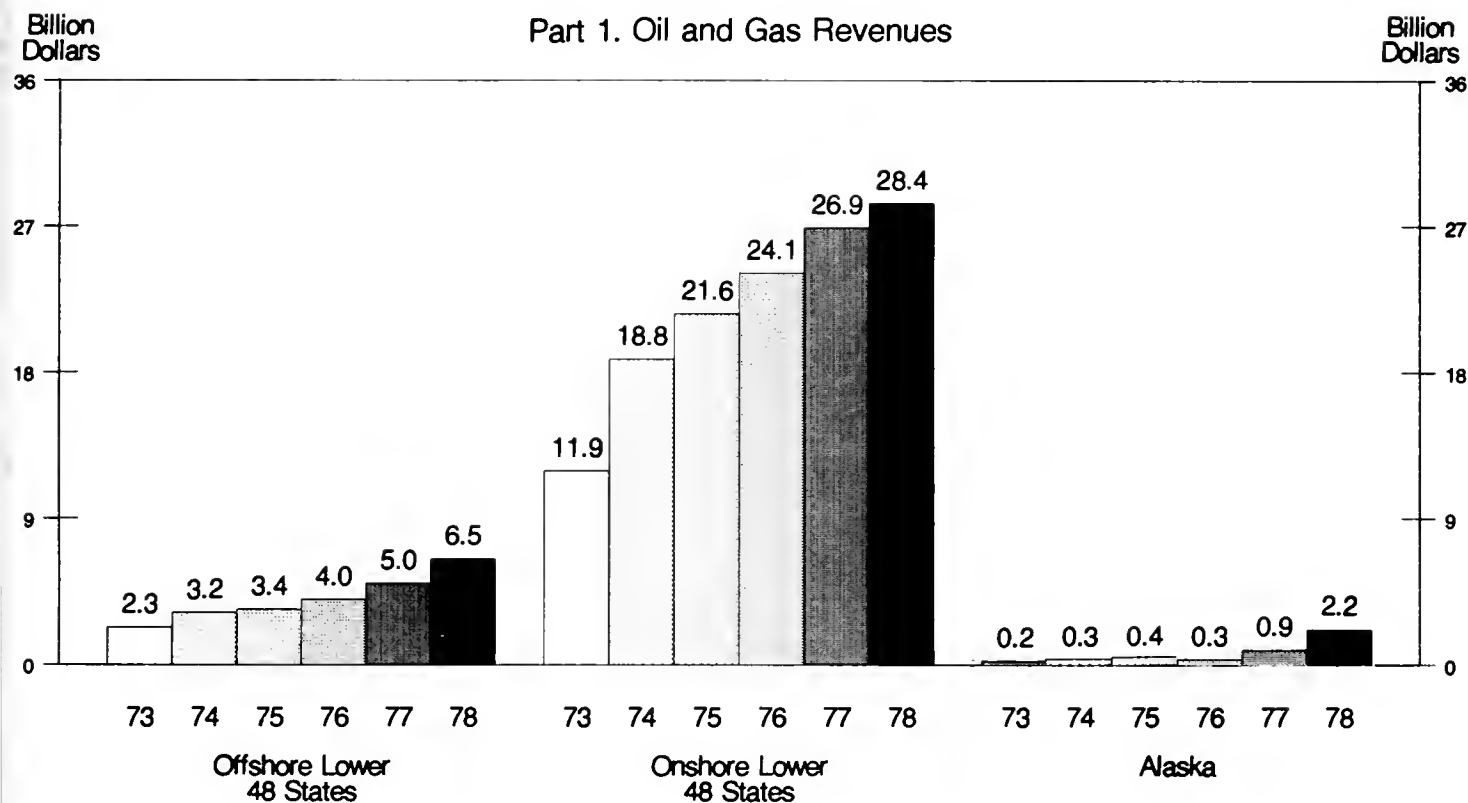
<sup>2</sup> Net assets were derived by subtracting accumulated cost of depreciation, depletion, and amortization from total assets.

<sup>6</sup> Outer Continental Shelf Statistics, U.S. Department of the Interior June 1979, p. 16.



CHART J. Distribution of Selected Items  
by Geographic Areas: 1973 to 1978  
(Net company interest)

Part 1. Oil and Gas Revenues



Part 2. Assets

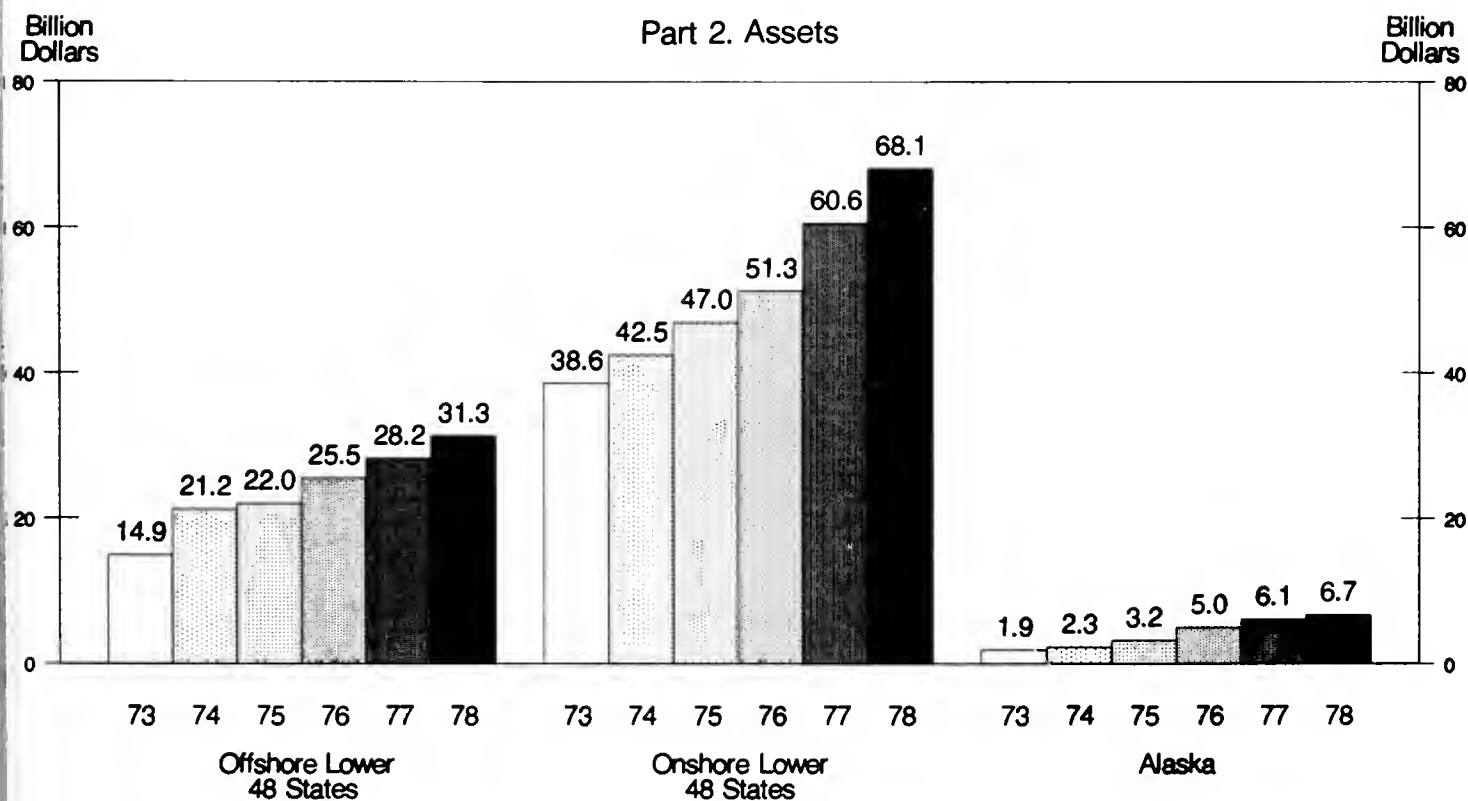


CHART K. Exploration, Development, and  
Production Expenditures: 1973 to 1978  
(Net company interest)

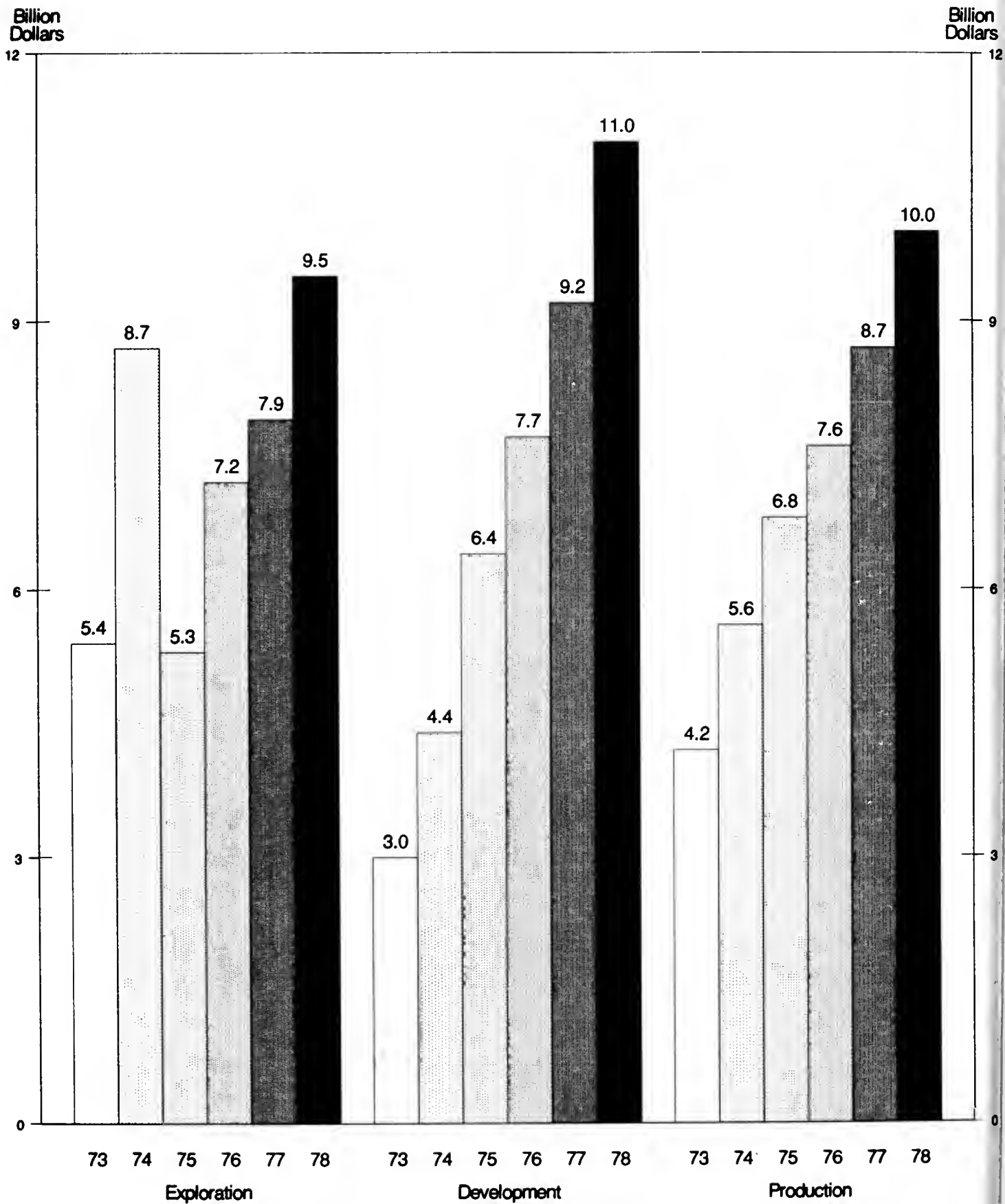
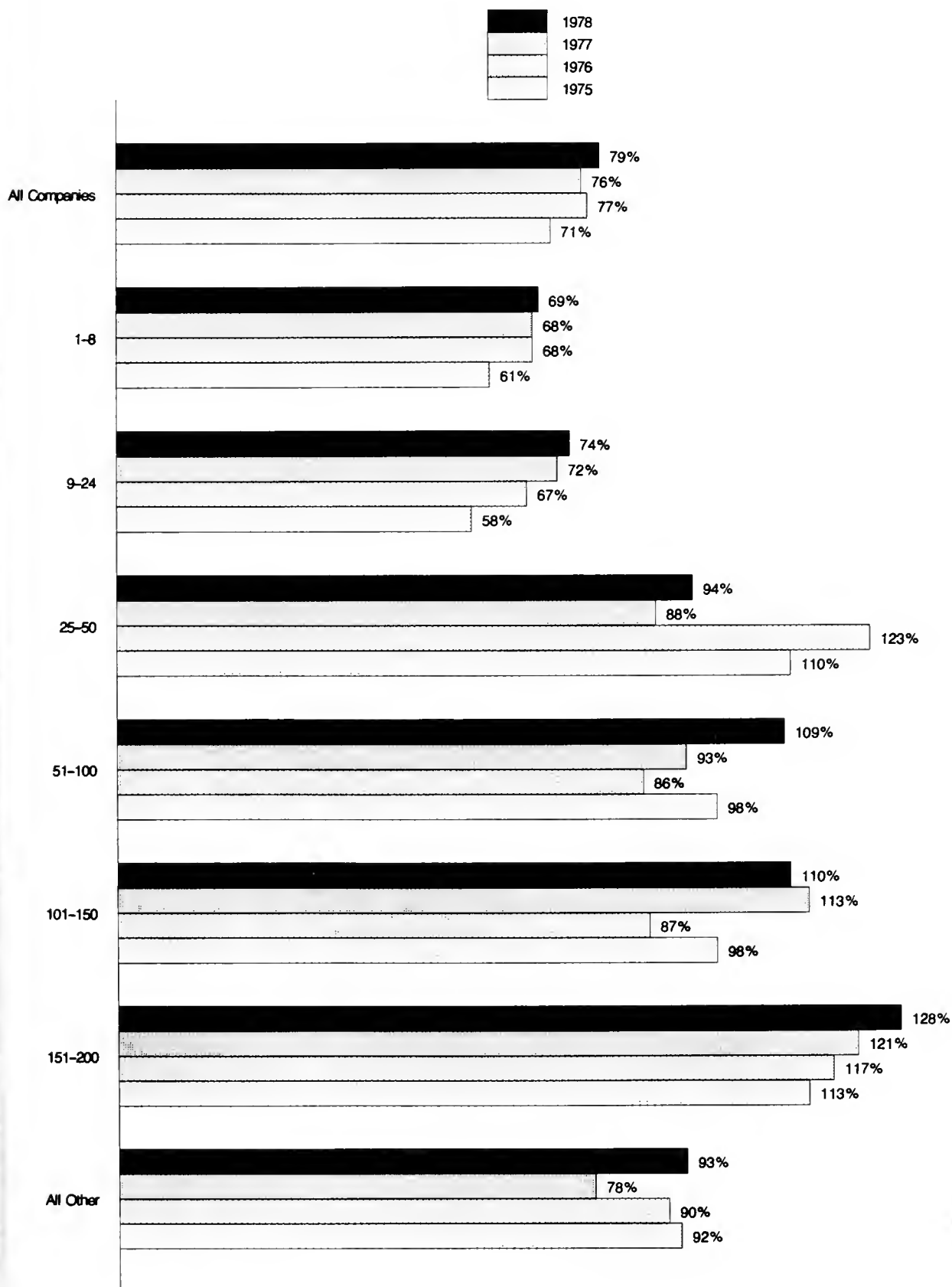


CHART L. Total Expenditures (Exploration, Development, and Production) as a Percentage of Revenues for Companies Ranked by Total Lease Revenues: 1975 to 1978  
(Net company interest)



## SUMMARY

The preceding information was based on statistics which appear in tables 1 through 9, 16, 17, and 21. These include aggregates of all detailed data collected for this survey. Tables 6 through 21 feature disaggregated statistics. For most of these tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 21 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphs presented in this report focus attention on some of the significant findings of this report.

### Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1978

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis, individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested

to include data for all properties operated, whether for their own account or for the account of others. Net company interest basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 79 percent of gross operator basis revenues. Expenditures for drilling and equipping wells on a net company interest basis were 15 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not canvassed. In the **1972 Census of Mineral Industries**, royalty interest holders accounted for approximately 16 percent of the average operator account.

Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table E compares sales on a net company interest and gross operator basis.

Table E. COMPARISON OF GROSS OPERATOR AND NET COMPANY INTEREST STATISTICS: 1978, 1977, AND 1976

Year	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
<b>1978</b>						
Net company interest basis . . . . .	2,555.4	22,164.8	8.67	15,192.0	14,953.6	.984
Gross operator basis . . . .	3,148.4	27,380.5	8.70	19,436.6	19,615.6	1.009
Net-gross ratio . . . . .	.812	.810	.997	.782	.762	.975
<b>1977</b>						
Net company interest basis . . . . .	2,392.1	20,006.2	8.39	15,419.8	12,924.2	83.8
Gross operator basis . . . .	3,016.6	25,075.9	8.31	19,527.6	16,816.2	86.1
Net-gross ratio . . . . .	.793	.798	1.010	.790	.769	.973
<b>1976</b>						
Net company interest basis . . . . .	2,347.6	18,624.1	7.93	15,893.1	9,771.7	61.5
Gross operator basis . . . .	2,905.2	22,936.4	7.90	19,902.0	12,099.4	60.8
Net-gross ratio . . . . .	.808	.812	1.004	.799	.808	1.012

## Comparison of Bureau of the Census Statistics to Department of Energy Statistics

Differences occur between the Bureau of the Census gross operator and the Department of Energy statistics which are due to such causes as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude petroleum and natural gas data directly from operators of oil and gas field properties. The Department of Energy obtains most of its production data for crude petroleum and natural gas from State regulatory agencies. Table F provides a comparison of data from the two agencies.

### Publication Program

This release contains final statistics covering oil and gas field exploration, development, and production activities from the

**1978 Annual Survey of Oil and Gas.** The 1978 survey is the sixth of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

### Confidentiality of Individual Company Data

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances, however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

Table F. COMPARISON OF BUREAU OF THE CENSUS AND DEPARTMENT OF ENERGY STATISTICS: 1978, 1977, AND 1976

Year and agency	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
<b>1978</b>						
Bureau of the Census (sales—gross operator basis) . . . . .	3,148.4	27,380.5	8.70	19,436.6	19,615.6	1.009
Department of Energy <sup>1</sup> . . . . .	3,178.2	28,477.8	8.96	<sup>2</sup> 19,974.0	(NA)	(NA)
Census-DOE ratio . . . . .	.991	.961	.971	.973	(NA)	(NA)
<b>1977</b>						
Bureau of the Census (sales—gross operator basis) . . . . .	3,016.6	25,075.9	8.31	19,527.6	16,816.2	86.1
Department of Energy <sup>1</sup> (production) . . . . .	3,009.3	25,790.7	8.57	<sup>2</sup> 20,025.0	(NA)	(NA)
Census-DOE ratio . . . . .	1.002	.972	.970	.975	(NA)	(NA)
<b>1976</b>						
Bureau of the Census (sales—gross operator basis) . . . . .	2,905.2	22,936.4	7.90	19,902.0	12,099.4	60.8
Bureau of Mines <sup>1</sup> (production) . . . . .	2,976.2	24,229.5	8.14	<sup>2</sup> 19,952.4	(NA)	(NA)
Census-Mines ratio . . . . .	.976	.947	.971	.997	(NA)	(NA)

(NA) Comparable data not available.

<sup>1</sup> Source: U.S. Bureau of Mines, *Natural Gas*, annual; *Petroleum Statement*, monthly, April 1977; and U.S. Department of Energy, *Natural Gas*, annual, *Petroleum Statement*, annual.

<sup>2</sup> Marketed production represents gross withdrawals less gas used for repressuring and quantities vented or flared.



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**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1978**

(Gross operator basis)

Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volumes:								
Crude petroleum and condensate:								
1978.....	Mil. bbl.....	3,148.4	1,475.1	728.3	236.6	77.4	124.1	2,641.5
1977.....	..do.....	<sup>r</sup> 3,016.0	1,497.5	<sup>r</sup> 602.3	<sup>r</sup> 222.4	<sup>r</sup> 86.0	<sup>r</sup> 122.2	<sup>r</sup> 2,530.5
1976.....	..do.....	2,905.2	1,481.6	587.5	147.7	122.1	97.0	2,435.9
1975.....	..do.....	3,085.9	1,654.1	552.7	195.3	87.0	136.6	2,625.7
1974.....	..do.....	3,159.3	1,707.5	581.3	200.9	90.0	113.7	2,693.3
1973.....	..do.....	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
From stripper well leases:								
1978.....	..do.....	398.6	106.8	58.4	20.5	9.7	28.2	223.7
1977.....	..do.....	<sup>r</sup> 342.4	94.5	<sup>r</sup> 54.2	<sup>r</sup> 11.4	<sup>r</sup> 6.1	<sup>r</sup> 21.0	<sup>r</sup> 187.1
1976.....	..do.....	315.1	83.5	51.2	12.1	3.7	9.5	160.0
1975.....	..do.....	302.0	69.6	47.3	10.4	3.6	16.2	147.1
1974.....	..do.....	291.7	68.4	39.9	8.3	3.3	18.0	137.8
1973.....	..do.....	259.2	48.8	32.8	6.8	10.5	10.9	109.8
Lease condensate:								
1978.....	..do.....	155.2	50.6	26.5	17.8	13.5	6.9	115.3
1977.....	..do.....	<sup>r</sup> 150.5	63.5	<sup>r</sup> 24.7	<sup>r</sup> 16.5	<sup>r</sup> 8.5	<sup>r</sup> 7.1	<sup>r</sup> 120.4
1976.....	..do.....	147.5	57.8	30.2	14.7	7.4	6.2	116.3
1975.....	..do.....	157.0	62.7	35.1	11.6	8.4	7.2	124.9
1974.....	..do.....	157.6	65.5	35.4	13.5	9.4	6.1	129.9
1973.....	..do.....	165.9	80.0	26.7	22.8	4.1	8.0	141.8
Natural gas:								
1978.....	Bil. cu. ft..	19,436.6	8,143.6	2,873.5	1,867.6	878.0	1,443.9	15,206.6
1977.....	..do.....	<sup>r</sup> 19,527.6	8,377.1	<sup>r</sup> 3,111.3	<sup>r</sup> 1,545.9	<sup>r</sup> 1,027.5	<sup>r</sup> 1,319.0	<sup>r</sup> 15,380.8
1976.....	..do.....	19,902.0	8,726.5	3,515.2	1,573.8	1,023.7	1,067.1	15,906.3
1975.....	..do.....	20,454.6	8,898.3	3,863.9	1,242.8	1,147.8	1,054.2	16,207.0
1974.....	..do.....	21,877.8	9,860.9	4,064.7	1,445.8	1,082.9	1,084.9	17,539.1
1973.....	..do.....	22,314.7	11,322.3	3,577.7	1,528.6	1,174.2	902.3	18,505.1
Lease revenues:								
Crude petroleum and condensate:								
1978.....	Mil. dol.....	<sup>r</sup> 27,380.5	<sup>r</sup> 12,609.0	<sup>r</sup> 5,464.4	<sup>r</sup> 2,256.1	<sup>r</sup> 712.0	<sup>r</sup> 1,133.4	<sup>r</sup> 22,174.9
1977.....	..do.....	25,075.9	11,967.2	4,411.9	2,047.5	684.2	1,092.2	20,202.9
1976.....	..do.....	22,936.4	11,537.7	4,279.4	1,218.4	785.7	851.7	18,673.0
1975.....	..do.....	22,851.9	11,960.9	3,948.3	1,317.1	598.1	1,075.2	18,899.6
1974.....	..do.....	20,937.8	11,204.6	3,708.0	1,247.6	564.5	770.7	17,495.3
1973.....	..do.....	13,039.6	7,035.5	2,448.3	741.1	394.9	483.5	11,103.3
Lease condensate:								
1978.....	..do.....	1,459.2	510.0	267.6	158.4	129.1	73.7	1,138.8
1977.....	..do.....	<sup>r</sup> 1,337.2	534.4	<sup>r</sup> 216.2	<sup>r</sup> 143.0	<sup>r</sup> 83.6	<sup>r</sup> 72.5	<sup>r</sup> 1,049.7
1976.....	..do.....	1,224.0	458.2	226.9	155.1	62.0	67.0	969.2
1975.....	..do.....	1,180.5	461.4	236.3	92.9	68.3	60.2	919.2
1974.....	..do.....	1,092.1	457.9	223.2	93.8	68.4	53.3	896.6
1973.....	..do.....	695.7	340.0	103.7	94.5	17.5	35.5	591.2
Natural gas:								
1978.....	..do.....	19,615.6	7,440.5	2,683.4	1,827.7	1,117.1	1,506.3	14,575.0
1977.....	..do.....	<sup>r</sup> 16,816.2	<sup>r</sup> 6,662.3	<sup>r</sup> 2,397.0	<sup>r</sup> 1,319.8	<sup>r</sup> 1,021.3	<sup>r</sup> 1,323.3	<sup>r</sup> 12,723.6
1976.....	..do.....	<sup>r</sup> 12,099.4	4,813.1	1,939.1	1,039.4	518.8	940.5	9,251.0
1975.....	..do.....	<sup>r</sup> 9,141.1	3,858.5	1,618.2	567.0	481.3	492.7	7,017.8
1974.....	..do.....	<sup>r</sup> 6,866.7	3,035.5	1,237.6	454.6	322.8	349.8	5,400.3
1973.....	..do.....	<sup>r</sup> 5,110.4	2,493.1	793.6	380.0	253.8	239.0	4,159.5
Expenditures for drilling and equipping wells completed during the year:								
1978.....	..do.....	11,164.1	3,379.5	1,249.7	779.3	521.5	858.6	6,788.6
Exploration.....	..do.....	4,412.9	1,241.5	376.6	238.8	183.4	366.3	2,406.5
Development.....	..do.....	6,751.2	2,138.0	873.1	540.5	338.2	492.3	4,382.1
1977.....	..do.....	<sup>r</sup> 9,076.3	2,599.1	<sup>r</sup> 1,068.3	<sup>r</sup> 590.5	<sup>r</sup> 502.7	<sup>r</sup> 749.3	<sup>r</sup> 5,509.9
1976.....	..do.....	6,908.1	1,821.5	783.1	498.0	498.7	734.6	4,335.8
1975.....	..do.....	5,775.5	1,477.6	708.3	320.0	322.0	372.5	3,200.4
1974.....	..do.....	4,198.5	1,139.9	538.2	248.8	166.0	262.6	2,355.4
1973.....	..do.....	2,889.1	877.3	347.5	202.2	118.7	240.0	1,785.6

See footnotes at end of table.



**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1978—Continued**

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1978.....	Mil. bbl.....	47.6	73.4	2,762.5	67.0	41.2	2,870.7	277.7
1977.....	..do.....	<sup>r</sup> 75.5	<sup>r</sup> 72.5	<sup>r</sup> 2,678.5	<sup>r</sup> 59.7	<sup>r</sup> 35.1	<sup>r</sup> 2,773.3	<sup>r</sup> 242.7
1976.....	..do.....	69.9	78.9	2,584.6	58.8	34.9	2,678.3	226.9
1975.....	..do.....	57.3	70.3	2,753.3	61.8	36.2	2,851.3	234.6
1974.....	..do.....	54.3	63.4	2,811.0	57.4	38.0	2,906.4	252.9
1973.....	..do.....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5
From stripper well leases:								
1978.....	..do.....	9.7	10.5	244.0	13.4	12.1	269.5	129.2
1977.....	..do.....	<sup>r</sup> 16.6	<sup>r</sup> 8.0	211.8	<sup>r</sup> 15.2	<sup>r</sup> 8.9	<sup>r</sup> 235.6	<sup>r</sup> 106.6
1976.....	..do.....	19.6	11.6	191.3	13.5	8.9	213.6	101.5
1975.....	..do.....	10.9	14.8	172.8	15.1	8.6	196.4	105.5
1974.....	..do.....	6.7	10.9	155.4	11.6	8.3	175.3	116.4
1973.....	..do.....	6.5	8.1	124.5	11.4	6.2	142.1	117.1
Lease condensate:								
1978.....	..do.....	5.7	8.0	129.0	3.3	3.2	135.5	19.7
1977.....	..do.....	<sup>r</sup> 3.7	<sup>r</sup> 7.2	<sup>r</sup> 131.3	<sup>r</sup> 3.0	2.1	<sup>r</sup> 136.4	<sup>r</sup> 14.1
1976.....	..do.....	7.5	4.7	128.6	3.6	2.1	134.3	13.2
1975.....	..do.....	5.1	4.2	134.1	4.7	2.6	141.5	15.5
1974.....	..do.....	3.4	4.5	137.8	3.2	4.6	145.5	12.1
1973.....	..do.....	3.2	6.1	151.1	3.5	1.8	156.4	9.5
Natural gas:								
1978.....	Bill. cu. ft..	767.6	698.9	16,673.0	450.1	270.7	17,393.8	2,042.7
1977.....	..do.....	<sup>r</sup> 710.4	<sup>r</sup> 693.0	<sup>r</sup> 16,784.2	<sup>r</sup> 515.3	<sup>r</sup> 278.3	<sup>r</sup> 17,577.8	<sup>r</sup> 1,949.8
1976.....	..do.....	793.4	573.4	17,273.1	462.9	212.3	17,948.3	1,953.7
1975.....	..do.....	863.2	590.4	17,660.6	530.0	294.2	18,484.8	1,969.8
1974.....	..do.....	798.7	760.4	19,098.2	526.4	310.4	19,935.0	1,942.8
1973.....	..do.....	671.5	674.1	19,850.7	500.3	283.9	20,634.9	1,680.0
Lease revenues:								
Crude petroleum and condensate:								
1978.....	Mil. dol.....	483.8	749.0	23,407.7	673.2	361.2	24,442.1	2,938.4
1977.....	..do.....	<sup>r</sup> 713.6	<sup>r</sup> 659.1	<sup>r</sup> 21,575.7	<sup>r</sup> 612.1	<sup>r</sup> 309.6	<sup>r</sup> 22,497.4	<sup>r</sup> 2,578.4
1976.....	..do.....	632.3	645.3	19,950.6	529.7	318.8	20,799.1	2,137.3
1975.....	..do.....	504.4	573.6	19,977.6	519.1	301.8	20,798.5	2,053.4
1974.....	..do.....	373.6	476.2	18,345.1	429.6	250.9	19,025.6	1,912.3
1973.....	..do.....	245.2	252.3	11,600.9	240.3	157.4	11,998.6	1,041.1
Lease condensate:								
1978.....	..do.....	60.3	66.2	1,265.2	43.8	26.3	1,335.3	123.8
1977.....	..do.....	<sup>r</sup> 31.7	<sup>r</sup> 72.2	<sup>r</sup> 1,153.5	<sup>r</sup> 31.0	<sup>r</sup> 19.7	<sup>r</sup> 1,204.2	<sup>r</sup> 132.9
1976.....	..do.....	51.2	45.2	1,065.5	29.7	19.2	1,114.5	109.5
1975.....	..do.....	42.4	36.7	998.3	33.5	23.6	1,055.4	125.0
1974.....	..do.....	27.9	34.3	958.8	22.6	30.7	1,012.1	80.0
1973.....	..do.....	13.0	28.4	632.6	14.4	8.3	655.2	40.5
Natural gas:								
1978.....	..do.....	1,003.8	835.8	16,414.6	514.3	287.2	17,216.0	2,399.5
1977.....	..do.....	<sup>r</sup> 653.5	<sup>r</sup> 658.5	<sup>r</sup> 14,035.5	<sup>r</sup> 428.7	<sup>r</sup> 261.4	<sup>r</sup> 14,725.6	<sup>r</sup> 2,090.6
1976.....	..do.....	497.9	418.9	10,167.8	313.9	142.2	10,623.9	1,475.5
1975.....	..do.....	435.8	301.4	7,755.0	253.5	135.2	8,143.8	997.3
1974.....	..do.....	273.3	220.3	5,893.9	177.7	99.6	6,171.1	695.6
1973.....	..do.....	161.5	173.3	4,494.2	116.9	67.2	4,678.4	432.1
Expenditures for drilling and equipping wells completed during the year:								
1978.....	..do.....	691.4	647.8	8,127.8	664.6	266.3	9,058.7	2,105.3
Exploration.....	..do.....	313.9	237.3	2,957.8	347.6	111.3	3,416.7	996.2
Development.....	..do.....	377.4	410.5	5,170.0	317.1	155.0	5,642.0	1,109.1
1977.....	..do.....	<sup>r</sup> 496.8	<sup>r</sup> 476.1	<sup>r</sup> 6,482.8	<sup>r</sup> 472.4	<sup>r</sup> 290.9	<sup>r</sup> 7,246.2	<sup>r</sup> 1,830.2
1976.....	..do.....	382.8	321.2	5,039.8	338.2	183.7	5,561.9	1,346.2
1975.....	..do.....	483.7	335.5	4,019.6	330.7	191.7	4,541.9	1,233.5
1974.....	..do.....	368.5	266.6	2,990.4	314.9	141.2	3,446.7	751.8
1973.....	..do.....	186.0	142.2	2,113.9	132.5	78.1	2,324.4	564.7

See footnotes at end of table.

**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate,  
and Natural Gas Sales: 1973 to 1978—Continued**

(Gross operator basis)

Item	Unit of measure	All operating companies	Operating companies ranked by total value of crude petroleum and natural gas sales					
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1978 <sup>2</sup> .....	Mil. dol.....	12,952.9	3,943.5	1,731.8	958.7	631.1	1,024.7	8,289.7
Exploration.....	..do.....	4,883.5	1,285.5	501.8	315.1	202.1	424.8	2,729.3
Development.....	..do.....	8,069.4	2,658.0	1,230.0	643.6	429.0	599.9	5,560.4
1977.....	..do.....	<sup>r</sup> 10,175.7	3,081.1	<sup>r</sup> 1,234.1	<sup>r</sup> 681.2	<sup>r</sup> 523.1	<sup>r</sup> 835.2	<sup>r</sup> 6,354.7
1976.....	..do.....	8,071.4	2,706.2	958.3	543.4	492.4	774.4	5,474.9
1975.....	..do.....	6,506.9	1,865.5	815.3	396.4	442.0	412.4	3,931.7
1974.....	..do.....	4,607.3	1,337.8	585.1	293.2	236.2	258.2	2,710.6
1973.....	..do.....	3,193.8	1,094.5	367.2	221.3	122.2	266.2	2,071.5
Dry holes completed during the year:								
1978.....	..do.....	3,514.3	1,133.0	304.1	210.2	144.3	253.6	2,045.2
Exploration.....	..do.....	2,568.4	891.3	205.7	149.6	87.7	172.9	1,507.3
Development.....	..do.....	945.9	241.7	98.4	60.6	56.6	80.6	537.9
1977.....	..do.....	<sup>r</sup> 2,736.4	807.3	<sup>r</sup> 280.5	<sup>r</sup> 148.2	<sup>r</sup> 84.8	<sup>r</sup> 218.5	<sup>r</sup> 1,539.3
1976.....	..do.....	1,972.4	550.6	213.7	121.0	130.0	224.0	1,239.1
1975.....	..do.....	1,769.2	435.9	191.5	143.8	91.3	136.3	998.8
1974.....	..do.....	1,562.2	394.7	229.1	104.4	49.1	108.0	885.4
1973.....	..do.....	919.0	263.5	126.7	50.4	24.1	82.9	547.6
Oil wells completed during the year:								
1978.....	..do.....	3,120.4	1,073.5	368.8	205.9	76.7	208.9	1,933.7
Exploration.....	..do.....	601.5	122.4	36.4	21.7	19.5	47.4	247.4
Development.....	..do.....	2,518.9	951.1	332.4	184.2	57.2	161.5	1,686.3
1977.....	..do.....	<sup>r</sup> 2,899.0	980.5	<sup>r</sup> 350.1	<sup>r</sup> 225.8	<sup>r</sup> 84.9	<sup>r</sup> 209.8	<sup>r</sup> 1,851.1
1976.....	..do.....	2,219.4	636.0	305.2	94.3	109.6	144.0	1,289.1
1975.....	..do.....	2,052.0	655.3	288.9	60.5	90.2	119.9	1,214.7
1974.....	..do.....	1,338.7	459.2	163.8	53.4	15.0	71.1	762.4
1973.....	..do.....	1,050.3	384.2	123.3	68.2	23.5	78.9	678.1
Gas well completed during the year:								
1978.....	..do.....	4,529.3	1,173.1	576.8	363.2	300.5	396.1	2,809.8
Exploration.....	..do.....	1,242.9	227.8	134.5	67.5	76.1	145.9	651.9
Development.....	..do.....	3,286.4	945.3	442.3	295.7	224.4	250.2	2,157.9
1977.....	..do.....	3,440.9	811.3	<sup>r</sup> 437.6	<sup>r</sup> 216.6	<sup>r</sup> 333.0	<sup>r</sup> 321.0	<sup>r</sup> 2,119.5
1976.....	..do.....	2,716.2	635.0	264.5	282.8	259.2	366.4	1,807.8
1975.....	..do.....	1,954.3	386.4	227.9	115.7	140.5	116.3	986.9
1974.....	..do.....	1,297.5	286.1	145.2	90.9	101.9	93.5	707.6
1973.....	..do.....	920.0	229.8	97.4	83.6	71.2	78.1	560.1
Work-in-progress adjustment:								
1978.....	..do.....	1,788.9	564.0	482.2	179.4	109.5	166.1	1,501.1
Exploration.....	..do.....	470.6	44.0	125.3	76.3	18.7	58.6	322.8
Development.....	..do.....	1,318.3	520.0	356.9	103.2	90.8	107.5	1,178.3
1977.....	..do.....	1,099.4	481.9	<sup>r</sup> 165.9	<sup>r</sup> 90.6	<sup>r</sup> 20.4	<sup>r</sup> 85.9	<sup>r</sup> 844.8
1976.....	..do.....	1,163.2	884.7	175.3	45.4	-6.3	39.8	1,139.1
1975.....	..do.....	731.5	387.9	107.0	76.4	120.2	39.9	731.4
1974.....	..do.....	408.8	197.9	46.9	44.4	70.2	-4.4	355.2
1973.....	..do.....	305.0	217.2	19.7	19.1	3.5	26.2	285.8
Expenditures for platforms:								
1978.....	..do.....	869.3	290.2	121.4	74.5	(D)	(D)	649.6
Drilling platforms <sup>2</sup> .....	..do.....	576.0	239.4	97.0	20.0	(D)	(D)	464.6
Production platforms.....	..do.....	293.3	50.8	24.4	54.5	(D)	(D)	185.0
1977.....	..do.....	697.5	312.1	<sup>r</sup> 99.3	(D)	<sup>r</sup> (D)	(D)	<sup>r</sup> 584.9
Employment:								
1978.....	Thousand.....	145.7	45.5	18.5	10.7	4.3	6.5	85.5
1977.....	..do.....	<sup>r</sup> 134.1	42.4	<sup>r</sup> 16.9	<sup>r</sup> 7.7	7.2	<sup>r</sup> 7.1	<sup>r</sup> 81.3
1976.....	..do.....	136.0	43.1	17.5	7.3	7.2	5.7	80.8
1975.....	..do.....	136.7	39.9	18.4	6.9	8.5	5.4	79.1
1974.....	..do.....	125.2	38.3	16.4	7.8	7.8	5.0	75.4
1973.....	..do.....	123.5	38.3	17.5	6.5	6.9	4.8	74.0

See footnotes at end of table.

**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate,  
and Natural Gas Sales: 1973 to 1978—Continued**

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Expenditures incurred during the year for drilling and equipping wells: <sup>1</sup>								
1978 <sup>2</sup> .....	Mil. dol.....	736.4	697.0	9,723.1	712.6	268.8	10,704.6	2,248.3
Exploration.....	..do.....	327.3	243.4	3,300.0	384.7	110.9	3,795.7	1,087.8
Development.....	..do.....	409.0	453.6	6,423.1	327.9	157.9	6,908.9	1,160.5
1977.....	..do.....	<sup>r</sup> 482.6	<sup>r</sup> 567.8	<sup>r</sup> 7,405.1	<sup>r</sup> 487.5	<sup>r</sup> 295.1	<sup>r</sup> 8,187.7	<sup>r</sup> 1,988.0
1976.....	..do.....	370.7	337.9	6,183.6	335.8	184.9	6,704.4	1,366.9
1975.....	..do.....	448.5	338.4	4,718.6	337.2	194.1	5,250.1	1,256.8
1974.....	..do.....	440.9	276.5	3,388.0	281.9	143.1	3,813.1	794.2
1973.....	..do.....	175.0	151.8	2,398.3	135.4	80.0	2,613.6	580.2
Dry holes completed during the year:								
1978.....	..do.....	229.3	187.9	2,462.4	308.6	72.8	2,843.8	670.5
Exploration.....	..do.....	172.6	137.7	1,817.6	242.8	53.9	2,114.2	454.2
Development.....	..do.....	56.7	50.1	644.8	65.9	18.9	729.6	216.3
1977.....	..do.....	<sup>r</sup> 169.0	<sup>r</sup> 155.4	<sup>r</sup> 1,863.7	<sup>r</sup> 170.8	<sup>r</sup> 87.7	<sup>r</sup> 2,122.2	<sup>r</sup> 614.2
1976.....	..do.....	111.7	98.6	1,449.3	111.0	59.0	1,619.4	353.0
1975.....	..do.....	176.4	107.3	1,282.4	100.2	59.9	1,442.5	326.6
1974.....	..do.....	141.0	92.2	1,118.5	87.0	58.2	1,263.6	298.6
1973.....	..do.....	59.0	63.7	670.3	40.1	28.4	738.7	180.3
Oil wells completed during the year:								
1978.....	..do.....	98.1	164.2	2,195.9	155.6	98.0	2,449.5	670.9
Exploration.....	..do.....	30.3	34.2	311.9	44.5	29.8	386.2	215.3
Development.....	..do.....	67.7	130.0	1,884.0	111.1	68.2	2,063.3	455.6
1977.....	..do.....	<sup>r</sup> 88.3	<sup>r</sup> 124.9	<sup>r</sup> 2,064.4	<sup>r</sup> 138.0	<sup>r</sup> 100.9	<sup>r</sup> 2,303.2	<sup>r</sup> 595.8
1976.....	..do.....	75.0	110.6	1,474.7	103.7	75.0	1,653.5	565.9
1975.....	..do.....	96.3	88.6	1,399.5	110.4	62.2	1,572.2	479.7
1974.....	..do.....	81.8	111.8	956.1	77.4	33.5	1,067.0	271.7
1973.....	..do.....	46.0	35.7	759.7	45.8	24.2	829.8	220.5
Gas well completed during the year:								
1978.....	..do.....	364.0	295.8	3,469.4	200.4	95.5	3,765.3	764.0
Exploration.....	..do.....	111.0	65.4	828.2	60.3	27.7	916.2	326.7
Development.....	..do.....	253.0	230.4	2,641.2	140.1	67.9	2,849.1	437.3
1977.....	..do.....	<sup>r</sup> 239.5	195.8	2,554.8	<sup>r</sup> 163.6	<sup>r</sup> 102.4	<sup>r</sup> 2,820.7	<sup>r</sup> 620.2
1976.....	..do.....	195.9	112.1	2,115.8	123.6	49.7	2,289.0	427.2
1975.....	..do.....	211.0	139.6	1,337.5	120.1	69.6	1,527.2	427.2
1974.....	..do.....	145.5	62.7	915.9	150.6	49.5	1,115.9	181.6
1973.....	..do.....	81.1	42.8	684.0	46.6	25.4	756.1	163.9
Work-in-progress adjustment:								
1978.....	..do.....	45.1	49.2	1,595.5	47.9	2.6	1,646.0	142.9
Exploration.....	..do.....	13.5	6.1	342.4	37.0	-0.4	379.0	91.6
Development.....	..do.....	31.6	43.1	1,253.1	10.9	3.0	1,267.0	51.3
1977.....	..do.....	<sup>r</sup> -14.2	<sup>r</sup> 91.7	922.3	<sup>r</sup> 15.1	4.2	<sup>r</sup> 941.5	157.9
1976.....	..do.....	-11.9	91.7	1,143.8	-2.4	1.2	1,142.5	20.7
1975.....	..do.....	-35.2	3.0	699.3	6.5	2.4	708.2	23.4
1974.....	..do.....	32.4	9.9	397.6	-33.0	1.9	366.4	42.4
1973.....	..do.....	-11.0	9.6	284.4	2.6	2.0	289.0	16.0
Expenditures for platforms:								
1978.....	..do.....	(D)	(D)	725.8	28.8	4.5	759.1	110.2
Drilling platforms <sup>2</sup> .....	..do.....	(D)	(D)	511.2	(D)	(D)	519.5	56.5
Production platforms.....	..do.....	(D)	(D)	214.7	(D)	(D)	239.7	53.7
1977.....	..do.....	(D)	(D)	646.1	(D)	(D)	680.9	16.6
Employment:								
1978.....	Thousand.....	6.1	8.5	100.1	5.1	3.0	108.2	37.5
1977.....	..do.....	<sup>r</sup> 5.1	<sup>r</sup> 5.0	<sup>r</sup> 91.4	<sup>r</sup> 5.0	<sup>r</sup> 2.2	<sup>r</sup> 98.5	35.6
1976.....	..do.....	5.3	4.4	90.4	4.6	2.5	97.4	38.6
1975.....	..do.....	3.6	4.8	87.5	6.1	2.7	96.3	40.4
1974.....	..do.....	3.7	3.6	82.7	3.8	2.5	89.0	36.2
1973.....	..do.....	4.3	2.4	80.7	4.0	1.7	86.5	37.0

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

Table 2. Gross Operator Basis Statistics: 1974 to 1978

Item	Unit of measure	1978	1977	1976	1975	1974	Index (1977=100)			
							1978	1976	1975	1974
Sales volumes:										
Crude petroleum and condensate.....	Mil. bbl.....	3,148.4	<sup>F</sup> 3,016.6	2,905.2	3,085.9	3,159.3	104.4	96.3	102.3	104.7
From stripper well leases.....	...do.....	398.6	<sup>F</sup> 342.4	315.1	302.0	291.7	116.4	92.0	88.2	85.2
Lease condensate.....	...do.....	155.2	<sup>F</sup> 150.5	147.5	154.6	157.6	103.1	98.0	102.7	104.7
Natural gas.....	Bil. cu. ft..	19,436.6	<sup>F</sup> 19,527.6	19,902.0	20,454.6	21,877.8	99.5	101.9	104.7	112.0
Lease revenues:										
Crude petroleum and condensate.....	Mil. do.....	27,380.5	<sup>F</sup> 25,075.9	22,936.4	22,851.9	20,937.8	109.2	91.5	91.1	83.5
Crude petroleum.....	...do.....	25,921.3	<sup>F</sup> 23,738.6	21,712.2	21,687.5	19,845.7	109.2	91.5	91.4	83.6
Lease condensate.....	...do.....	1,459.2	<sup>F</sup> 1,337.2	1,224.0	1,164.4	1,092.1	109.1	91.5	87.1	81.7
Natural gas.....	...do.....	19,615.6	<sup>F</sup> 16,816.2	12,099.4	9,141.1	6,866.7	116.6	72.0	54.4	40.8
Unit values:										
Crude petroleum and condensate.....	dol. per bbl.	8.70	8.31	7.89	7.41	6.63	104.7	94.9	89.2	79.8
Natural gas.....	dol. per 1,000 cu. ft.	1.02	0.86	0.61	0.45	0.31	118.6	70.9	52.3	36.0
Expenditures:										
Exploration expenditures:										
Drilling and equipping wells <sup>1</sup> .....	Mil. dol.....	4,883.5	<sup>F</sup> 3,740.3	2,920.2	2,555.8	1,879.9	130.6	78.1	68.3	50.3
Dry holes.....	...do.....	2,568.4	<sup>F</sup> 1,908.3	1,406.5	1,317.5	1,156.6	134.6	73.7	69.0	60.6
Oil.....	...do.....	601.5	<sup>F</sup> 461.2	395.8	365.9	220.2	130.4	85.8	79.3	47.7
Gas.....	...do.....	1,242.9	909.8	863.2	658.4	376.7	136.6	94.9	72.4	41.4
Work-in-progress adjustment.....	...do.....	470.6	461.1	254.7	214.0	126.4	102.1	55.2	46.4	27.4
Development expenditures:										
Drilling and equipping wells <sup>1</sup> .....	...do.....	8,069.4	<sup>F</sup> 6,435.3	5,151.2	3,951.2	2,727.4	125.4	80.0	61.4	42.4
Dry holes.....	...do.....	945.9	828.2	565.9	451.7	405.6	114.2	68.3	54.5	49.0
Oil.....	...do.....	2,518.9	<sup>F</sup> 2,437.8	1,823.6	1,686.0	1,118.5	103.3	74.8	69.2	45.9
Gas.....	...do.....	3,286.4	2,531.1	1,853.0	1,295.9	920.8	129.8	73.2	51.2	36.4
Work-in-progress adjustment.....	...do.....	1,318.3	638.3	908.5	517.5	282.4	206.5	142.3	81.1	44.2
Employment.....	Thousands....	145.7	<sup>F</sup> 134.1	136.0	136.7	125.2	108.7	101.4	101.9	93.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>F</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 3. Detailed Net Company Interest Statistics: 1974 to 1978

Item	Unit of measure	1978	1977	1976	1975	1974	Index (1977=100)			
							1978	1976	1975	1974
<b>Sales volumes:</b>										
Crude petroleum and condensate.....	Mill. bbl.....	2,555.4	<sup>F</sup> 2,392.1	2,347.6	2,414.0	2,512.5	106.8	98.1	100.9	105.0
From stripper well leases.....	..do.....	320.3	294.0	269.6	243.8	235.6	108.9	91.7	82.9	80.1
Lease condensate.....	..do.....	114.9	112.4	112.4	116.5	122.5	102.2	100.0	103.6	109.0
Natural gas.....	Bil. cu. ft.....	15,192.0	<sup>F</sup> 15,419.8	15,893.1	16,138.3	17,495.5	98.5	103.1	104.7	113.5
<b>Lease revenues:</b>										
Crude petroleum and condensate.....	Mill. dol.....	38,400.8	<sup>F</sup> 34,063.7	29,366.8	26,237.5	23,051.4	112.7	86.2	77.0	67.7
Crude petroleum.....	..do.....	22,164.8	<sup>F</sup> 20,006.2	18,624.1	18,142.2	16,772.5	110.8	93.1	90.7	83.8
Lease condensate.....	..do.....	21,041.4	<sup>F</sup> 18,998.0	17,707.0	17,250.9	15,924.8	110.8	93.2	90.8	83.8
Natural gas.....	..do.....	1,123.4	1,008.2	917.0	891.2	847.7	111.4	91.0	88.4	84.1
Income received from oil and gas royalties	..do.....	14,953.6	<sup>F</sup> 12,924.2	9,771.7	7,240.9	5,552.0	115.7	75.6	56.0	43.0
Other lease revenues from producing operations.....	..do.....	1,039.6	984.8	856.3	767.3	651.4	105.6	87.0	77.9	66.1
<b>Expenditures:</b>										
Capitalized.....	..do.....	30,474.9	<sup>F</sup> 25,845.5	22,558.7	18,558.7	18,706.1	117.9	87.3	71.8	72.4
Expensed.....	..do.....	17,190.9	<sup>F</sup> 13,914.5	11,663.2	(NA)	(NA)	123.5	83.8	(NA)	(NA)
	..do.....	13,284.0	<sup>F</sup> 11,931.0	10,895.5	(NA)	(NA)	111.3	91.3	(NA)	(NA)
<b>Expenditures by type:</b>										
Exploration expenditures.....	..do.....	9,451.6	<sup>F</sup> 7,853.7	7,183.9	5,310.3	8,658.8	120.3	91.5	67.6	110.3
Drilling and equipping wells <sup>1</sup> .....	..do.....	4,137.7	3,240.3	2,467.1	2,124.2	1,580.5	127.7	76.1	65.6	48.8
Dry holes.....	..do.....	2,215.2	1,642.2	1,292.4	1,147.9	911.7	134.9	78.7	69.9	55.5
Oil.....	..do.....	461.5	<sup>F</sup> 412.1	368.2	287.3	177.5	112.0	89.3	69.7	43.1
Gas.....	..do.....	1,119.4	762.6	666.6	511.6	308.8	146.8	87.4	67.1	40.5
Work-in-progress adjustment.....	..do.....	341.6	423.3	139.7	177.5	182.5	80.7	33.0	41.9	43.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,912.3	2,587.1	3,024.3	1,614.5	5,774.0	112.6	116.9	62.4	223.2
Land department, leasing and scouting.....	..do.....	163.6	164.1	126.3	113.4	90.6	99.7	77.0	69.1	55.2
Geological and geophysical.....	..do.....	1,045.9	856.1	692.3	652.8	567.6	122.2	80.9	76.3	66.3
Lease rents.....	..do.....	285.3	245.8	206.7	204.7	177.8	116.1	84.1	83.3	72.3
Test hole contributions.....	..do.....	24.5	32.7	21.7	16.9	8.9	74.9	66.4	51.7	27.2
Other exploration expenditures, including direct overhead.....	..do.....	393.5	305.2	240.6	242.0	168.6	128.9	78.8	79.3	55.2
General and administrative overhead not reported elsewhere.....	..do.....	488.9	422.4	404.8	341.7	290.9	115.7	95.8	80.9	68.9
Development expenditures.....	..do.....	11,012.4	<sup>F</sup> 9,286.4	7,734.8	6,422.6	4,413.1	118.6	83.3	69.2	47.5
Drilling and equipping wells <sup>1</sup> .....	..do.....	6,839.1	<sup>F</sup> 5,727.6	4,154.4	3,354.6	2,265.2	119.4	72.5	58.6	39.5
Dry holes.....	..do.....	788.6	647.3	453.4	396.0	305.2	121.8	70.0	61.2	47.1
Oil.....	..do.....	2,240.5	<sup>F</sup> 2,401.7	1,587.6	1,391.6	984.6	93.3	66.1	57.9	41.0
Gas.....	..do.....	2,825.7	2,124.4	1,465.4	1,122.3	745.8	133.0	69.0	52.8	35.1
Work-in-progress adjustment.....	..do.....	984.3	554.2	648.0	444.9	229.6	177.6	116.9	80.3	41.4
Lease equipment.....	..do.....	2,176.2	1,613.5	1,486.8	1,499.6	824.1	134.9	92.1	92.9	51.1
Lease and land acquisitions of producing acreage.....	..do.....	450.1	<sup>F</sup> 390.0	381.4	303.4	474.0	115.4	97.8	77.8	121.5
Fluid injection and improved recovery programs.....	..do.....	639.3	461.4	378.4	928.9	625.4	138.6	82.0	81.9	52.2
Other development expenditures.....	..do.....	467.5	672.3	978.9			69.5	145.6		
General and administrative overhead not reported elsewhere.....	..do.....	440.2	384.2	354.8	336.1	224.4	114.6	92.3	87.5	58.4
Production expenditures.....	..do.....	10,010.9	<sup>F</sup> 8,734.5	7,639.9	6,825.8	5,634.2	114.6	87.5	78.1	64.5
Direct operating expenditures.....	..do.....	6,166.5	<sup>F</sup> 5,292.9	4,507.4	3,952.9	3,246.4	116.5	85.2	74.7	61.3
Operating and maintenance.....	..do.....	4,889.3	<sup>F</sup> 4,261.3	3,647.2	3,140.0	2,577.1	114.7	85.6	73.7	60.5
Well workovers.....	..do.....	779.2	<sup>F</sup> 705.4	577.2	530.5	441.3	110.5	81.8	75.2	62.6
Other direct expenses.....	..do.....	498.0	326.2	283.0	282.4	228.0	152.7	86.8	86.6	69.9
Indirect operating expenditures.....	..do.....	3,844.4	3,441.6	3,132.5	2,872.8	2,387.7	111.7	91.0	83.5	69.4
Taxes (excluding income taxes).....	..do.....	2,380.2	2,100.1	1,897.9	1,746.1	1,534.1	113.3	90.4	83.1	73.0
General and administrative overhead.....	..do.....	1,070.5	905.9	865.5	768.8	601.4	118.2	95.5	84.9	66.4
Other indirect expenses.....	..do.....	393.7	435.7	369.1	358.0	252.1	90.4	84.7	82.2	57.9
<b>Gross book value of fixed assets (end of year)<sup>2</sup>.....</b>	..do.....	106,107.3	<sup>F</sup> 94,777.5	81,758.8	72,289.8	65,944.4	112.0	86.3	76.3	69.6
Oil and gas field properties.....	..do.....	103,626.5	<sup>F</sup> 92,343.2	79,666.7	70,654.8	64,543.7	112.2	86.3	76.5	69.9
Buildings, other structures, and machinery	..do.....	2,480.7	<sup>F</sup> 2,434.4	2,092.1	1,634.9	1,400.7	101.9	85.9	67.2	57.5

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available. <sup>F</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 4A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1978

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,555.4	1,217.7	586.4	172.5	96.6	80.9
From stripper well leases.....	..do.....	320.3	89.8	50.5	12.9	8.8	22.5
Lease condensate.....	..do.....	114.9	43.0	17.9	12.0	3.8	7.2
Natural gas.....	Bil. cu. ft.	15,192.0	6,799.4	2,384.6	1,198.9	399.8	1,154.9
Lease revenues.....							
Crude petroleum and condensate...	Mil. dol....	38,400.8	16,961.6	6,678.2	3,134.6	1,263.6	2,095.4
Crude petroleum and condensate...	..do.....	22,164.8	10,436.1	4,227.5	1,746.1	755.3	818.8
Crude petroleum.....	..do.....	21,041.4	10,007.0	4,051.8	1,625.4	721.9	742.6
Lease condensate.....	..do.....	1,123.4	429.1	175.7	120.7	33.5	76.2
Natural gas.....	..do.....	14,953.6	6,254.6	2,124.6	1,267.8	440.0	1,218.4
Income from oil and gas royalties	..do.....	1,039.6	230.8	229.3	109.9	68.3	58.2
Other lease revenues from producing operations.....	..do.....	242.8	40.2	96.9	10.7		
Expenditures (capitalized and expensed).....							
Exploration expenditures.....	..do.....	30,474.9	11,690.8	4,846.3	2,392.3	1,132.1	2,016.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	3,239.0	1,167.8	779.8	383.2	660.9
Dry holes.....	..do.....	4,137.7	1,113.3	378.1	292.3	162.4	330.8
Oil wells.....	..do.....	2,215.2	792.9	191.8	160.9	80.5	139.0
Gas wells.....	..do.....	461.5	124.0	25.0	26.8	14.6	31.9
Work-in-progress adjustment..	..do.....	1,119.4	201.6	79.7	82.2	41.1	122.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	-5.1	81.6	22.4	26.2	37.7
Land department leasing and scouting.....	..do.....	2,912.3	1,037.9	484.7	260.1	146.4	152.0
Geological and geophysical.....	..do.....	163.6	50.8	19.6	11.8	3.5	21.7
Lease rents.....	..do.....	1,045.9	537.3	126.2	141.1	31.8	62.3
Test hole contributions.....	..do.....	285.3	92.4	28.1	32.6	15.2	28.8
Other exploration expenditures, including direct overhead.....	..do.....	24.5	11.4	1.1			
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	157.1	77.7	26.2	14.6	31.8
Development expenditures.....	..do.....	488.9	238.8	52.2	15.7	9.2	33.5
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	4,057.1	1,766.5	1,053.6	401.1	855.7
Dry holes.....	..do.....	6,839.1	2,347.1	964.4	652.3	239.8	574.3
Oil wells.....	..do.....	788.6	204.1	93.6	65.3	14.5	64.6
Gas wells.....	..do.....	2,240.5	915.8	279.6	154.7	76.0	109.5
Work-in-progress adjustment..	..do.....	2,825.7	886.4	325.2	267.4	92.3	339.8
Lease equipment <sup>3</sup> .....	..do.....	984.3	340.9	266.1	165.0	56.9	60.5
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	877.6	479.7	162.1	83.6	156.4
Fluid injection and improved recovery programs.....	..do.....	450.1	35.0	208.8	173.7	63.0	42.4
Other development expenditures, including direct overhead.....	..do.....	639.3	352.3				
General and administrative overhead not reported elsewhere.....	..do.....	467.5	260.6	52.5	46.3	7.5	20.7
Production expenditures.....	..do.....	440.2	184.5	61.1	19.2	7.3	41.5
Direct operating expenditures...	..do.....	10,010.9	4,394.7	1,911.9	558.8	347.8	499.8
Operating and maintenance....	..do.....	6,166.5	2,687.5	1,136.2	369.8	229.2	312.0
Well workovers.....	..do.....	4,889.3	1,986.5	982.3	292.9	210.6	255.4
Other direct expenses.....	..do.....	779.2	399.7	153.9	77.0	14.8	39.9
Indirect operating expenditures	..do.....	498.0	301.3				
Taxes (excluding income taxes)	..do.....	3,844.4	1,707.3	775.7	189.0	118.6	187.8
General and administrative overhead.....	..do.....	2,380.2	1,113.9	515.5	155.7	73.5	116.8
Other indirect expenses.....	..do.....	1,070.5	593.3	147.9	33.3	45.1	71.0
	..do.....	393.7					

See footnotes at end of table.

Table 4A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1978—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,154.0	37.7	49.6	2,241.4	48.6	30.8	2,320.8	234.6
From stripper well leases.....	..do.....	184.6	6.2	9.3	200.2	11.5	4.9	216.5	103.8
Lease condensate.....	..do.....	84.0	3.5	3.9	91.4	4.4	2.2	98.0	16.9
Natural gas.....	Bil. cu. ft.	11,937.5	581.9	534.9	13,054.3	335.1	206.2	13,595.6	1,596.4
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	30,133.5	1,237.7	1,065.9	32,337.1	984.2	571.1	33,892.4	4,508.4
Crude petroleum.....	..do.....	17,983.8	383.9	493.2	18,860.9	501.2	295.6	19,657.6	2,507.2
Lease condensate.....	..do.....	17,148.6	346.9	455.8	17,951.3	460.4	273.7	18,685.4	2,356.0
Natural gas.....	..do.....	835.2	36.9	37.4	909.5	40.8	21.9	972.2	151.2
Income from oil and gas royalties	..do.....	11,305.4	715.8	538.1	12,559.2	411.0	238.6	13,208.8	1,744.8
Other lease revenues from pro-	..do.....	675.0	37.3	26.3	738.6	53.6	19.5	811.8	227.8
ducing operations.....	..do.....	169.3	0.7	8.4	178.5	18.4	17.4	214.2	28.6
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	22,077.9	1,029.2	1,369.0	24,476.1	1,082.8	733.4	26,292.3	4,182.6
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,230.8	410.5	623.1	7,264.4	434.4	254.0	7,952.8	1,498.8
Dry holes.....	..do.....	2,276.9	199.8	327.3	2,804.0	222.4	162.0	3,188.4	949.3
Oil wells.....	..do.....	1,365.1	93.0	173.7	1,631.8	126.5	78.6	1,836.9	378.3
Gas wells.....	..do.....	222.2	12.4	29.3	264.0	28.7	19.3	312.0	149.5
Work-in-progress adjustment..	..do.....	526.8	71.6	90.8	689.1	54.1	51.4	794.7	324.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	162.7	22.9	33.5	219.1	13.2	12.6	244.8	96.8
Land department leasing and scouting.....	..do.....	2,081.1	130.1	205.5	2,416.7	139.3	62.7	2,618.7	293.6
Geological and geophysical.....	..do.....	107.5	11.0	7.4	125.9	6.5	2.9	135.4	28.2
Lease rents.....	..do.....	898.7	25.7	27.1	951.5	29.4	5.7	986.6	59.4
Test hole contributions.....	..do.....	188.1	13.4	16.6	218.0	13.1	8.0	239.2	46.1
Other exploration expenditures, including direct overhead.....	..do.....	21.6	0.1	1.0	22.7	0.2	0.1	23.0	1.5
General and administrative overhead, not reported elsewhere.....	..do.....	307.4	14.3	14.0	335.6	10.0	5.0	350.6	42.9
Development expenditures.....	..do.....	349.5	16.2	24.3	390.0	13.3	7.6	411.0	77.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	8,134.1	362.6	503.9	9,000.6	410.1	310.7	9,721.4	1,291.1
Dry holes.....	..do.....	4,777.9	293.3	335.3	5,406.5	289.3	219.4	5,915.2	923.9
Oil wells.....	..do.....	442.1	41.7	36.8	520.6	40.8	27.1	588.4	200.1
Gas wells.....	..do.....	1,535.5	85.3	109.8	1,730.6	95.4	84.9	1,910.9	329.7
Work-in-progress adjustment..	..do.....	1,911.0	125.4	171.0	2,207.4	153.6	103.0	2,463.9	361.8
Lease equipment <sup>3</sup> .....	..do.....	889.3	41.0	17.8	948.0	-0.4	4.4	952.0	32.3
Lease and land acquisitions of producing acreage.....	..do.....	1,759.4	36.3	106.0	1,901.7	55.6	48.0	2,005.3	170.9
Fluid injection and improved recovery programs.....	..do.....	287.9	10.8	23.3	312.0	28.8	27.2	368.1	82.0
Other development expenditures, including direct overhead.....	..do.....	607.6			617.6	8.0	4.9	630.5	8.8
General and administrative overhead not reported elsewhere.....	..do.....	387.6	8.7	22.6	418.9	12.5	5.1	436.4	31.0
Production expenditures.....	..do.....	313.6	13.5	16.7	343.8	15.9	6.1	365.8	74.4
Direct operating expenditures..	..do.....	7,713.1	256.0	242.0	8,211.0	238.4	168.7	8,618.1	1,392.8
Operating and maintenance....	..do.....	4,734.7	150.9	158.5	5,044.1	145.7	102.7	5,292.5	874.0
Well workovers.....	..do.....	3,727.7	119.1	133.7	3,980.5	119.8	79.8	4,180.1	709.2
Other direct expenses.....	..do.....	613.1	16.3	18.8	648.2	18.2	17.1	683.6	95.6
Indirect operating expenditures	..do.....	393.9	15.5	5.9	415.3	7.7	5.8	428.8	69.2
Taxes (excluding income taxes)	..do.....	2,978.4	105.1	83.5	3,167.0	92.6	66.0	3,325.6	518.8
General and administrative overhead.....	..do.....	1,975.4	61.4	53.7	2,090.5	45.8	28.7	2,165.0	215.2
Other indirect expenses.....	..do.....	713.3	43.7	29.8	761.3	31.8	24.7	817.9	252.6
	..do.....	289.6			315.2	15.0	12.6	342.7	51.0

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 4B. Drilling and Asset Related Account Statistics Ranked by  
Total Lease Revenues: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol.....	2,215.2	792.9	191.8	160.9	80.5	139.0
Number of wells.....	Number.....	5,013	466	124	181	88	248
Total footage drilled.....	Thou. ft.....	31,464	4,427	1,180	1,774	749	1,750
Exploration oil wells:							
Expenditures.....	Mil. dol.....	461.5	124.0	25.0	26.8	14.6	31.9
Number of wells.....	Number.....	2,046	86	21	44	12	50
Total footage drilled.....	Thou. ft.....	9,877	791	212	300	92	406
Exploration gas wells:							
Expenditures.....	Mil. dol.....	1,119.4	201.6	79.7	82.2	41.1	122.2
Number of wells.....	Number.....	1,969	109	44	62	36	153
Total footage drilled.....	Thou. ft.....	13,661	1,226	485	594	265	1,134
Development dry holes:							
Expenditures.....	Mil. dol.....	788.6	204.1	93.6	65.3	14.5	64.6
Number of wells.....	Number.....	4,463	385	137	100	47	276
Total footage drilled.....	Thou. ft.....	22,898	2,860	952	738	344	1,833
Development oil wells:							
Expenditures.....	Mil. dol.....	2,240.5	915.8	279.6	154.7	76.0	109.5
Number of wells.....	Number.....	10,382	2,396	1,139	415	228	557
Total footage drilled.....	Thou. ft.....	46,492	12,675	4,666	1,996	922	2,269
Development gas wells:							
Expenditures.....	Mil. dol.....	2,825.7	886.4	325.2	267.4	92.3	339.8
Number of wells.....	Number.....	7,033	1,000	346	384	170	963
Total footage drilled.....	Thou. ft.....	42,318	8,128	2,969	2,501	1,112	6,056
Expenditures for platforms.....	Mil. dol.....	750.5	246.4	103.4	88.6	31.6	91.2
Drilling platforms <sup>1</sup> .....	..do.....	475.6	198.7	81.4	39.1	21.8	46.3
Production platforms <sup>2</sup> .....	..do.....	274.9	47.7	22.1	49.4	9.8	44.9
Gross book value of fixed assets							
(beginning of year) <sup>3</sup> .....	..do.....	94,779.4	40,955.0	16,185.2	8,644.4	3,155.2	6,712.8
Oil and gas field properties.....	..do.....	92,769.8	40,012.7	16,017.8	8,538.9	3,122.7	6,622.8
Buildings, other structures, and machinery.....	..do.....	2,009.6	942.3	167.4	105.4	32.5	90.0
Capitalized expenditures.....	..do.....	17,190.9	6,036.8	2,570.1	1,404.2	623.6	1,520.5
Oil and gas field properties.....	..do.....	16,589.8	5,762.0	2,479.7	1,392.7	606.6	1,494.8
Buildings, other structures, and machinery.....	..do.....	600.9	274.7	90.4	11.5	17.0	25.6
Retirement and dispositions.....	..do.....	5,863.1	3,053.0	657.7	379.3	157.6	548.7
Oil and gas properties.....	..do.....	5,733.2	2,985.1	651.9	376.5	155.3	544.1
Buildings, other structures, and machinery.....	..do.....	129.9	67.9	5.8	2.8	2.3	4.6
Gross book value of fixed assets (end							
of year).....	..do.....	106,107.3	43,938.7	18,097.5	9,669.2	3,621.2	7,684.5
Oil and gas field properties.....	..do.....	103,626.5	42,789.6	17,845.6	9,555.1	3,574.0	7,573.6
Buildings, other structures, and machinery.....	..do.....	2,480.7	1,149.1	251.9	114.1	47.2	111.0
Depletion, depreciation, and amortization							
of fixed assets:							
Cost during 1978.....	..do.....	6,814.9	2,973.6	1,129.6	546.6	223.8	430.2
Oil and gas field properties.....	..do.....	6,644.7	2,903.9	1,111.2	540.1	219.4	421.6
Buildings, other structures, and machinery.....	..do.....	170.3	69.7	18.4	6.5	4.4	8.7
Accumulated cost, end of 1978.....	..do.....	44,191.6	20,616.6	8,135.5	3,534.5	977.8	2,556.0
Oil and gas field properties.....	..do.....	43,154.1	20,090.7	8,059.8	3,473.8	960.9	2,510.7
Buildings, other structures, and machinery.....	..do.....	1,037.5	526.0	75.6	60.7	16.9	45.3

See footnotes at end of table.



**Table 4B. Drilling and Asset Related Account Statistics Ranked by  
Total Lease Revenues: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	1,365.1	93.0	173.7	1,631.8	126.5	78.6	1,836.9	378.3
Number of wells.....	Number.....	1,108	158	431	1,696	341	294	2,331	2,682
Total footage drilled.....	Thou. ft....	9,880	1,307	2,615	13,802	2,735	1,950	18,487	12,977
Exploration oil wells:									
Expenditures.....	Mil. dol....	222.2	12.4	29.3	264.0	28.7	19.3	312.0	149.5
Number of wells.....	Number.....	214	23	103	339	90	79	508	1,538
Total footage drilled.....	Thou. ft....	1,801	174	691	2,666	544	585	3,795	6,082
Exploration gas wells:									
Expenditures.....	Mil. dol....	526.8	71.6	90.8	689.1	54.1	51.4	794.7	324.7
Number of wells.....	Number.....	403	67	111	582	80	92	753	1,215
Total footage drilled.....	Thou. ft....	3,704	645	961	5,310	643	698	6,651	7,010
Development dry holes:									
Expenditures.....	Mil. dol....	442.1	41.7	36.8	520.6	40.8	27.1	588.4	200.1
Number of wells.....	Number.....	945	92	166	1,203	152	126	1,481	2,982
Total footage drilled.....	Thou. ft....	6,727	648	1,203	8,578	969	711	10,258	12,640
Development oil wells:									
Expenditures.....	Mil. dol....	1,535.5	85.3	109.8	1,730.6	95.4	84.9	1,910.9	329.7
Number of wells.....	Number.....	4,735	235	806	5,776	372	264	6,411	3,971
Total footage drilled.....	Thou. ft....	22,528	1,304	3,748	27,580	2,079	1,720	31,379	15,113
Development gas wells:									
Expenditures.....	Mil. dol....	1,911.0	125.4	171.0	2,207.4	153.6	103.0	2,463.9	361.8
Number of wells.....	Number.....	2,863	198	535	3,595	343	438	4,375	2,658
Total footage drilled.....	Thou. ft....	20,766	1,557	3,310	25,633	2,394	2,054	30,081	12,237
Expenditures for platforms.....	Mil. dol....	561.2	32.1	75.9	669.2	40.8	14.0	723.9	26.6
Drilling platforms <sup>1</sup> .....	..do.....	387.3	32.1	75.9	447.4	40.8	14.0	465.1	10.5
Production platforms <sup>2</sup> .....	..do.....	174.0			221.8			258.8	16.1
Gross book value of fixed assets									
(beginning of year) <sup>3</sup> .....	..do.....	75,652.4	3,342.2	3,490.1	82,484.7	2,617.2	1,499.8	86,601.7	8,177.7
Oil and gas field properties.....	..do.....	74,315.0	3,294.7	3,414.7	81,024.3	2,560.0	1,433.0	85,017.2	7,752.6
Buildings, other structures, and machinery.....	..do.....	1,337.5	47.5	75.4	1,460.5	57.2	66.8	1,584.5	425.1
Capitalized expenditures.....									
Oil and gas field properties.....	..do.....	12,155.1	695.3	1,053.6	13,903.9	766.1	413.3	15,083.4	2,107.5
Buildings, other structures, and machinery.....	..do.....	11,735.8	686.5	1,029.8	13,452.2	742.9	396.4	14,591.5	1,998.3
Retirement and dispositions.....	..do.....	419.3	8.7	23.8	451.8	23.2	16.9	491.8	109.1
Oil and gas properties.....	..do.....	4,796.3	218.8	169.5	5,184.7	102.7	84.3	5,371.7	491.4
Buildings, other structures, and machinery.....	..do.....	4,713.0	215.5	166.6	5,095.1	100.5	62.9	5,258.5	474.7
	..do.....	83.3	3.3	2.9	89.6	2.2	21.4	113.2	16.7
Gross book value of fixed assets									
(end of year).....	..do.....	83,011.2	3,818.6	4,374.2	91,204.0	3,280.6	1,828.8	96,313.4	9,793.9
Oil and gas field properties.....	..do.....	81,337.8	3,765.7	4,277.8	89,381.4	3,202.4	1,766.4	94,350.2	9,276.3
Buildings, other structures, and machinery.....	..do.....	1,673.4	52.9	96.3	1,822.6	78.1	62.4	1,963.2	517.6
Depletion, depreciation, and amortization of fixed assets:									
Cost during 1978.....	..do.....	5,303.8	244.3	335.7	5,883.8	190.6	116.2	6,190.7	624.3
Oil and gas field properties.....	..do.....	5,196.1	240.7	326.0	5,762.8	185.6	109.0	6,057.4	587.3
Buildings, other structures, and machinery.....	..do.....	107.6	3.6	9.8	120.9	5.1	7.3	133.3	37.0
Accumulated cost, end of 1978....									
Oil and gas field properties.....	..do.....	35,820.4	1,402.5	1,462.7	38,685.6	951.4	599.6	40,236.6	3,955.0
Buildings, other structures, and machinery.....	..do.....	35,095.9	1,374.9	1,423.7	37,894.5	928.7	578.6	39,401.8	3,752.3
	..do.....	724.5	27.6	39.0	791.1	22.7	21.0	834.8	202.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>2</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>3</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 5. Detailed Statistics by Geographical Area and by Operator: 1978

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Nonowner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Sales volumes:								
Crude petroleum and condensate...	Mil. bbl....	2,555.4	353.5	38.4	1,865.4	298.0	1,770.5	784.8
From stripper well leases.....	..do.....	320.3	-	(2)	318.5	1.8	263.2	57.1
Lease condensate.....	..do.....	114.9	(D)	-	87.5	(D)	76.1	38.8
Natural gas.....	Bil. cu. ft.	15,192.0	155.0	-	11,064.8	3,972.1	10,853.1	4,338.9
Lease revenues:								
Crude petroleum and condensate...	Mil. dol....	38,400.8	1,940.7	239.4	29,648.7	6,571.9	25,935.7	12,465.1
Crude petroleum and condensate...	..do.....	22,164.8	1,858.1	207.5	17,342.7	2,756.5	15,394.5	6,770.3
Crude petroleum.....	..do.....	21,041.4	1,858.1	207.5	16,514.6	2,756.5	14,640.7	6,400.8
Lease condensate.....	..do.....	1,123.4	-	-	828.0	-	753.8	369.5
Natural gas.....	..do.....	14,953.6	92.5	-	11,084.8	3,776.3	10,381.8	4,571.8
Income from oil and gas royalties	..do.....	1,039.6	(D)	(D)	1,008.3	31.0	(X)	1,039.6
Other lease revenues from producing operations.....	..do.....	242.8	(D)	(D)	212.8	8.3	159.5	83.3
Expenditures (capitalized and expensed):								
Exploration expenditures.....	..do.....	30,474.9	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	(X)	(X)	(X)	(X)	(X)	(X)
Dry holes.....	..do.....	4,137.7	124.4	41.2	2,881.6	1,090.5	2,633.2	1,504.5
Oil wells.....	..do.....	2,215.2	94.1	72.2	1,340.8	708.0	1,457.2	758.0
Gas wells.....	..do.....	461.5	(D)	-	378.0	(D)	338.5	123.0
Work-in-progress adjustment.....	..do.....	1,119.4	(O)	-	836.4	(D)	630.1	489.3
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	-2.4	-31.0	326.5	48.6	207.4	134.3
Land department leasing and scouting.....	..do.....	2,912.3	19.4	2.3	1,325.6	1,577.6	(X)	(X)
Geological and geophysical.....	..do.....	163.6	-	-	151.1	-	(X)	(X)
Lease rents.....	..do.....	1,045.9	45.3	34.8	788.9	177.0	(X)	(X)
Test hole contributions.....	..do.....	285.3	3.0	3.7	250.5	37.1	(X)	(X)
Other exploration expenditures, including direct overhead.....	..do.....	24.5	-	-	15.5	-	(X)	(X)
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	(X)	(X)	(X)	(X)	(X)	(X)
Development expenditures.....	..do.....	488.9	(X)	(X)	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	(X)	(X)	(X)	(X)	(X)	(X)
Dry holes.....	..do.....	6,839.1	165.8	25.6	4,661.2	1,986.6	4,713.8	2,125.3
Oil wells.....	..do.....	788.6	1.5	-	621.7	165.3	521.1	267.5
Gas wells.....	..do.....	2,240.5	126.6	-	1,659.5	454.4	1,609.4	631.1
Work-in-progress adjustment.....	..do.....	2,825.7	4.3	1.8	1,899.6	921.8	1,876.3	949.4
Lease equipment <sup>3</sup> .....	..do.....	984.3	57.1	5.8	480.3	445.1	706.9	277.4
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	389.1	-	1,032.1	749.2	-	-
Fluid injection and improved recovery programs.....	..do.....	450.1	-	-	397.6	52.5	2,525.6	1,207.3
Other development expenditures, including direct overhead.....	..do.....	639.3	24.2	9.5	540.3	65.3	-	-
General and administrative overhead not reported elsewhere.....	..do.....	467.5	(X)	(X)	(X)	(X)	(X)	(X)
Production expenditures.....	..do.....	440.2	(X)	(X)	(X)	(X)	(X)	(X)
Direct operating expenditures...	..do.....	10,010.9	(X)	(X)	(X)	(X)	(X)	(X)
Operating and maintenance.....	..do.....	6,166.5	178.8	69.1	5,043.6	875.0	4,517.4	1,649.1
Well workovers.....	..do.....	4,889.3	152.9	56.0	4,021.5	658.8	(X)	(X)
Other direct expenses.....	..do.....	779.2	25.9	13.1	609.1	216.1	(X)	(X)
Indirect operating expenditures	..do.....	498.0	(X)	(X)	413.0	(X)	(X)	(X)
Taxes (excluding income taxes)	..do.....	3,844.4	315.8	24.1	1,941.9	98.4	1,642.1	738.1
General and administrative overhead.....	..do.....	2,380.2	(X)	(X)	(X)	(X)	(X)	(X)
Other indirect expenses.....	..do.....	1,070.5	(D)	(D)	320.7	(D)	307.8	85.9

See footnotes at end of table.

Table 5. Detailed Statistics by Geographical Area and by Operator: 1978—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Non-owner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Drilling statistics:								
Exploration dry holes:								
Expenditures.....	Mil. dol....	2,215.2	94.1	72.2	1,340.8	708.0	1,457.2	758.0
Number of wells.....	Number.....	5,013	12	10	4,647	344	(X)	(X)
Total footage drilled.....	Thou. ft....	31,464	129	88	28,108	3,139	(X)	(X)
Exploration oil wells:								
Expenditures.....	Mil. dol....	461.5	(D)	-	378.0	(D)	338.5	123.0
Number of wells.....	Number.....	2,046	(D)	-	2,016	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	9,877	(D)	-	9,579	(D)	(X)	(X)
Exploration gas wells:								
Expenditures.....	Mil. dol....	1,119.4	(D)	-	836.4	(D)	630.1	489.3
Number of wells.....	Number.....	1,969	(D)	-	1,848	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	13,661	(D)	-	12,581	(D)	(X)	(X)
Development dry holes:								
Expenditures.....	Mil. dol....	788.6	1.5	-	621.7	165.3	521.1	267.5
Number of wells.....	Number.....	4,463	1	-	4,314	149	(X)	(X)
Total footage drilled.....	Thou. ft....	22,898	8	-	21,565	1,325	(X)	(X)
Development oil wells:								
Expenditures.....	Mil. dol....	2,240.5	126.6	-	1,659.5	454.4	1,609.4	631.1
Number of wells.....	Number.....	10,382	43	-	10,024	315	(X)	(X)
Total footage drilled.....	Thou. ft....	46,492	442	-	43,602	2,448	(X)	(X)
Development gas wells:								
Expenditures.....	Mil. dol....	2,825.7	4.3	-	1,899.6	921.8	1,876.3	949.4
Number of wells.....	Number.....	7,033	1	-	6,572	460	(X)	(X)
Total footage drilled.....	Thou. ft....	42,318	13	-	38,233	4,072	(X)	(X)
Expenditures for platforms.....	Mil. dol....	750.5	-	(D)	27.7	(D)	(X)	(X)
Drilling platforms <sup>2</sup> .....	..do.....	475.6	-	(D)	5.9	(D)	(X)	(X)
Production platforms <sup>3</sup> .....	..do.....	274.9	-	(D)	21.7	(D)	(X)	(X)
Gross book value of fixed assets (end of year) <sup>4</sup> .....								
Oil and gas field properties.....	Mil. dol....	106,107.3	5,256.7	1,440.1	68,064.8	31,345.7	(X)	(X)
Buildings, other structures, and machinery.....	..do.....	103,626.5	5,123.7	1,433.3	66,057.6	31,011.9	(X)	(X)
		2,480.7	133.1	6.8	2,007.2	333.7	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding.

-Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 6. Detailed Statistics for Offshore Ranked by Total Lease Revenues: 1978

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue					
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies	
Sales volumes:								
Crude petroleum and condensate....	Mil. bbl....	336.5	174.8	69.0	73.9	13.9	4.9	
From stripper well leases.....	....do.....	1.8	0.3	(D)	(D)	(D)	1.3	
Lease condensate.....	....do.....	(D)	14.4	4.6	5.5	2.5	(D)	
Natural gas.....	Bil. cu. ft.	(D)	2,121.9	836.6	739.8	268.7	(D)	
Lease revenues.....								
Crude petroleum and condensate....	Mil. dol....	6,811.3	3,424.6	1,327.9	1,506.3	436.6	116.0	
Crude petroleum.....	....do.....	2,964.0	1,636.0	535.4	612.8	134.0	45.8	
Lease condensate.....	....do.....	2,964.0	1,482.6	485.4	550.2	107.7	43.1	
Natural gas.....	....do.....	(D)	153.5	50.0	62.6	26.2	2.7	
Income received from oil and gas royalties.....	....do.....	(D)	1,780.0	771.7	891.4	297.7	(D)	
Other lease revenues from producing operations.....	....do.....	(D)	4.1	(D)	(D)	3.0	2.7	
	....do.....	(D)	4.4	(D)	(D)	2.1	(D)	
Expenditures (capitalized and expensed):								
Exploration expenditures:								
Drilling and equipping wells <sup>1 2</sup> .....	....do.....	1,131.7	477.3	168.2	261.6	190.7	33.9	
Dry holes.....	....do.....	780.3	419.1	99.1	153.8	92.5	15.8	
Oil wells.....	....do.....	(D)	31.0	9.2	8.5	5.2	(D)	
Gas wells.....	....do.....	(D)	95.3	41.6	68.2	59.8	(D)	
Work-in-progress adjustment.....	....do.....	17.6	-68.2	18.2	31.2	33.2	3.0	
Lease and land acquisitions of nonproducing acreage.....	....do.....	1,579.9	746.5	325.8	276.6	181.3	40.6	
Land department, leasing and scouting.....	....do.....		2.9	2.0	3.0	0.9	0.2	
Geological and geophysical.....	....do.....		211.8	92.5	38.8	48.8	17.3	14.4
Lease rents.....	....do.....		16.9	4.5	13.9	3.3	0.7	
Test hole contributions.....	....do.....	40.8	1.5	(Z)			0.1	
Development expenditures:								
Drilling and equipping wells <sup>1 2</sup> .....	....do.....	2,012.2	910.4	351.9	501.9	204.6	43.6	
Dry holes.....	....do.....	(D)	60.0	30.5	46.6	15.0	(D)	
Oil wells.....	....do.....	(D)	264.8	66.0	86.9	49.8	(D)	
Gas wells.....	....do.....	921.8	417.1	155.4	225.4	108.8	15.1	
Work-in-progress adjustment.....	....do.....	446.9	168.4	99.9	143.1	31.0	4.6	
Lease equipment.....	....do.....	755.0	289.4	118.0	219.2	110.4	18.1	
Lease and land acquisitions of producing acreage.....	....do.....	52.5	52.6	(Z)	31.7	15.5	19.6	
Fluid injection and improved recovery programs.....	....do.....	74.8		7.7			-	
Production expenditures:								
Direct operating expenditures.....	....do.....	944.1	461.2	189.0	208.8	56.3	28.8	
Operating and maintenance.....	....do.....	714.8	329.0	150.2	173.5	38.3	23.8	
Well workovers.....	....do.....	229.2	86.0	38.8	26.6	18.0	4.4	
Other direct expenses.....	....do.....		46.2		8.7		0.6	
Indirect operating expenditures:								
Taxes (excluding income taxes).....	....do.....	122.5	49.1	27.5	37.7	2.7	5.4	
Other indirect expenses.....	....do.....	(D)	24.8	18.7	(D)	(D)	0.2	
See footnotes at end of table.								

See footnotes at end of table.

Table 6. Detailed Statistics for Offshore Ranked by Total Lease Revenues: 1978—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol...	780.3	419.1	99.1	153.8	92.5	15.8
Number of wells.....	Number.....	353	123	40	87	63	40
Total footage drilled.....	Thou. ft...	3,227	1,270	377	860	590	130
Exploration oil wells:							
Expenditures.....	Mil. dol...	(D)	31.0	9.2	8.5	5.2	(D)
Number of wells.....	Number.....	(D)	11	3	6	7	(D)
Total footage drilled.....	Thou. ft...	(D)	118	33	52	59	(D)
Exploration gas wells:							
Expenditures.....	Mil. dol...	(D)	95.3	41.6	68.2	59.8	(D)
Number of wells.....	Number.....	(D)	29	12	30	35	(D)
Total footage drilled.....	Thou. ft...	(D)	326	124	298	271	(D)
Development dry holes:							
Expenditures.....	Mil. dol...	(D)	60.0	30.5	46.6	15.0	(D)
Number of wells.....	Number.....	(D)	39	20	44	27	(D)
Total footage drilled.....	Thou. ft...	(D)	437	182	403	174	(D)
Development oil wells:							
Expenditures.....	Mil. dol...	(D)	264.8	66.0	86.9	49.8	(D)
Number of wells.....	Number.....	(D)	124	50	100	43	(D)
Total footage drilled.....	Thou. ft...	(D)	1,185	433	555	314	(D)
Development gas wells:							
Expenditures.....	Mil. dol...	921.8	417.1	155.4	225.4	108.8	15.1
Number of wells.....	Number.....	460	169	59	128	86	18
Total footage drilled.....	Thou. ft...	4,072	1,689	591	1,034	615	143
Expenditures for platforms.....	Mil. dol...	(D)	245.7	103.4	212.6	140.2	(D)
Drilling platforms <sup>2</sup> .....	.....do.....	(D)	198.7	81.4	111.1	72.8	(D)
Production platforms <sup>3</sup> .....	.....do.....	(D)	47.0	22.1	101.4	67.4	(D)
Gross book value of fixed assets							
(end of year) <sup>4</sup> .....	.....do.....	32,785.7	16,321.8	5,856.1	6,692.1	3,255.2	660.4
Oil and gas field properties.....	.....do.....	32,445.3	16,049.9	5,827.6	6,658.7	3,251.6	657.4
Buildings, other structures, and machinery.....	.....do.....	340.5	271.9	28.5	33.4	3.7	3.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 7. Detailed Statistics Grouped by Crude Petroleum and Condensate Unit Values:  
1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per barrel							
			0.00 to 6.24	6.25 to 6.74	6.75 to 7.24	7.25 to 7.74	7.75 to 8.24	8.25 to 8.74	8.75 to 9.24	9.25 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mill. bbl....	2,555.4	(D)	9.5	8.0	(D)	643.3	309.7	762.1	510.1
From stripper well leases.....	..do.....	320.3	4.7	3.4		8.9	41.6	42.0	72.3	147.4
Lease condensate.....	..do.....	114.9	0.9	2.4		6.5	20.2	15.9	32.4	36.6
Natural gas.....	Bil. cu. ft.	15,192.0	228.6	149.5		570.2	2,700.1	2,146.3	4,994.3	4,403.0
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>38,400.8</b>	<b>1,381.9</b>	<b>101.8</b>	<b>179.8</b>	<b>1,128.7</b>	<b>8,271.6</b>	<b>4,770.5</b>	<b>11,358.2</b>	<b>11,208.4</b>
Crude petroleum and condensate...	..do.....	22,164.8	(D)	61.8	55.6	(D)	5,170.2	2,628.9	6,840.2	5,657.7
Crude petroleum.....	..do.....	21,041.4	(D)	49.9	52.8	(D)	4,983.0	2,480.6	6,521.4	5,273.2
Lease condensate.....	..do.....	1,123.4	5.2	14.7		64.5	187.2	148.4	318.8	384.5
Natural gas.....	..do.....	14,953.6	198.3	137.7		443.0	2,895.8	1,980.5	4,257.9	5,040.5
Income from oil and gas royalties	..do.....	1,039.6	30.9	(D)	(D)	56.3	178.5	95.8	222.2	431.0
Other lease revenues from producing operations.....	..do.....	242.8	(D)	(D)	(D)	(D)	27.1	65.3	37.9	79.1
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>30,474.9</b>	<b>1,023.0</b>	<b>111.1</b>	<b>121.4</b>	<b>890.0</b>	<b>5,618.5</b>	<b>3,790.7</b>	<b>8,546.5</b>	<b>10,373.8</b>
Exploration expenditures.....	..do.....	9,451.6	107.7	112.8		319.2	1,742.1	1,064.0	2,253.4	3,852.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	4,137.7	46.7	64.5		185.5	682.6	356.5	814.9	1,986.9
Dry holes.....	..do.....	2,215.2	14.4	10.6		122.1	491.4	222.6	450.8	903.4
Oil wells.....	..do.....	461.5	3.4	11.0		7.4	88.3	24.5	65.7	261.2
Gas wells.....	..do.....	1,119.4	8.8	41.8		41.4	123.8	78.3	232.0	593.3
Work-in-progress adjustment.....	..do.....	341.6	20.1	1.1		14.7	-21.0	31.2	66.5	229.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,912.3	16.9	19.4		60.6	573.3	428.4	667.5	1,146.1
Land department leasing and scouting.....	..do.....	163.6	2.1	9.1		9.4	34.5	12.5	40.3	55.7
Geological and geophysical.....	..do.....	1,045.9	8.0	1.7		23.9	242.8	151.6	357.4	260.4
Lease rents.....	..do.....	285.3	2.2	4.3		10.3	35.1	29.8	85.3	118.3
Test hole contributions.....	..do.....	24.5	(D)	0.1		(D)	(D)	1.1	9.8	10.3
Other exploration expenditures, including direct overhead.....	..do.....	393.5	(D)	5.9		15.6	(D)	52.6	112.9	123.4
General and administrative overhead, not reported elsewhere.....	..do.....	488.9	(D)	7.8		(D)	113.8	31.4	165.3	151.2
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>11,012.4</b>	<b>454.4</b>	<b>9.8</b>	<b>14.4</b>	<b>304.2</b>	<b>1,829.5</b>	<b>1,427.2</b>	<b>3,077.9</b>	<b>3,895.1</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,839.1	165.1	15.6		222.5	947.8	845.1	1,933.9	2,709.1
Dry holes.....	..do.....	788.6	8.3	2.0		25.8	86.8	85.9	186.1	393.7
Oil wells.....	..do.....	2,240.5	60.6	4.9		43.3	416.9	223.0	632.7	859.1
Gas wells.....	..do.....	2,825.7	31.1	7.9		118.4	346.8	385.6	758.2	1,177.7
Work-in-progress adjustment.....	..do.....	984.3	65.1	0.8		35.0	97.4	150.6	356.9	278.5
Lease equipment <sup>3</sup> .....	..do.....	2,176.2	(D)	5.8		(D)	476.5	295.6	492.4	610.4
Lease and land acquisitions of producing acreage.....	..do.....	450.1		0.6					100.2	202.0
Fluid injection and improved recovery programs.....	..do.....	639.3	16.3	0.6		12.5	207.6	210.6	238.7	100.3
Other development expenditures, including direct overhead.....	..do.....	467.5	19.3	1.0		7.3	59.2	47.5	226.4	106.8
General and administrative overhead not reported elsewhere.....	..do.....	440.2	(D)	0.4		(D)	138.5	28.4	86.2	166.4
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>10,010.9</b>	<b>460.9</b>	<b>95.5</b>		<b>266.6</b>	<b>2,046.9</b>	<b>1,299.4</b>	<b>3,215.2</b>	<b>2,626.4</b>
Direct operating expenditures.....	..do.....	6,166.5	191.5	59.7		173.5	1,185.1	908.8	1,994.8	1,653.0
Operating and maintenance.....	..do.....	4,889.3	171.7	50.6		145.6	917.7	665.1	1,569.0	1,369.7
Well workovers.....	..do.....	779.2	12.4	5.6				102.7	425.9	200.2
Other direct expenses.....	..do.....	498.0	7.4	3.5		27.9	267.4	141.0		83.2
Indirect operating expenditures	..do.....	3,844.4	269.4	35.7		93.1	861.7	390.7	1,220.4	973.4
Taxes (excluding income taxes)	..do.....	2,380.2		17.3			556.3	288.6	720.9	534.1
General and administrative overhead.....	..do.....	1,070.5	250.5	17.1		92.9	178.3	84.1	347.9	362.4
Other indirect expenses.....	..do.....	393.7	18.8	1.3		0.1	127.1	17.9	151.5	76.8

See footnotes at end of table.

**Table 7. Detailed Statistics Grouped by Crude Petroleum and Condensate Unit Values:  
1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per barrel							
			0.00 to 6.24	6.25 to 6.74	6.75 to 7.24	7.25 to 7.74	7.75 to 8.24	8.25 to 8.74	8.75 to 9.24	9.25 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	14.4	10.6		122.1	491.4	222.6	450.8	903.4
Number of wells.....	Number.....	5,013	94	187		182	316	220	560	3,453
Total footage drilled.....	Thou. ft....	31,464	630	473		1,734	2,733	1,895	4,821	19,178
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	3.4	11.0		7.4	88.3	24.5	65.7	261.2
Number of wells.....	Number.....	2,046	18	81		47	66	40	109	1,685
Total footage drilled.....	Thou. ft....	9,877	123	301		203	487	301	912	7,550
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	8.8	41.8		41.4	123.8	78.3	232.0	593.3
Number of wells.....	Number.....	1,969	14	185		52	189	171	204	1,155
Total footage drilled.....	Thou. ft....	13,661	127	800		534	1,746	1,041	1,695	7,718
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	8.3	2.0		25.8	86.8	85.9	186.1	393.7
Number of wells.....	Number.....	4,463	142	55		54	175	164	492	3,382
Total footage drilled.....	Thou. ft....	22,898	465	145		300	1,328	1,334	2,834	16,492
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	60.6	4.9		43.3	416.9	223.0	632.7	859.1
Number of wells.....	Number.....	10,385	138	73		127	1,367	671	2,153	5,854
Total footage drilled.....	Thou. ft....	46,492	593	159		593	5,525	3,482	11,518	24,622
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	31.1	7.9		118.4	346.8	385.6	758.2	1,177.7
Number of wells.....	Number.....	7,033	241	161		128	367	546	1,179	4,412
Total footage drilled.....	Thou. ft....	42,318	846	350		1,218	2,986	4,035	8,407	24,476
Expenditures for platforms.....	Mil. dol....	750.5	(D)	-	(Z)	(D)	126.2	93.6	190.5	312.4
Drilling platforms <sup>2</sup> .....	..do.....	475.6	(D)	-	-	(D)	88.1	42.8	158.1	169.8
Production platforms <sup>3</sup> .....	..do.....	274.9	(D)	-	(Z)	(D)	38.1	50.8	32.4	142.6
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	94,779.4	2,911.9	132.4	262.2	3,628.9	17,206.8	12,543.2	28,865.5	29,228.5
Buildings, other structures, and machinery.....	..do.....	92,769.8	2,812.0	128.3	260.5	3,584.7	16,827.8	12,369.0	28,149.5	28,638.0
Capitalized expenditures.....	..do.....	2,009.6	99.8	4.1	1.8	44.3	379.0	174.2	716.0	590.5
Oil and gas field properties.....	..do.....	17,190.9	548.4	25.0	60.1	530.6	2,615.9	1,893.4	4,789.6	6,727.8
Buildings, other structures, and machinery.....	..do.....	16,589.8	483.8	25.0	60.1	530.6	2,513.3	1,850.1	4,561.5	6,572.6
Retirement and dispositions.....	..do.....	600.9	64.6				102.6	43.3	228.0	155.2
Oil and gas properties.....	..do.....	5,863.1	40.6	14.0	7.3	274.1	1,044.6	671.8	2,333.1	1,477.6
Buildings, other structures, and machinery.....	..do.....	5,733.2	38.8	14.0	7.3	274.1	1,034.5	665.6	2,252.5	1,451.9
Gross book value of fixed assets (end of year).....	..do.....	129.9	1.8				10.1	6.2	80.6	25.6
Oil and gas field properties.....	..do.....	106,107.3	3,419.7	143.4	315.1	3,885.5	18,778.1	13,764.8	31,322.0	34,478.8
Buildings, other structures, and machinery.....	..do.....	103,626.5	3,257.0	139.3	313.2	3,839.6	18,306.6	13,553.5	30,458.6	33,758.7
Depletion, depreciation, and amortization of fixed assets:	..do.....	2,480.7	162.7	4.1	1.9	45.9	471.5	211.3	863.4	720.0
Cost during 1978.....	..do.....	6,814.9	216.7	10.4	9.5	264.5	1,162.6	774.0	2,205.7	2,171.6
Oil and gas field properties.....	..do.....	6,644.7	204.3	10.4	9.5	264.5	1,128.3	774.0	2,141.1	2,117.7
Buildings, other structures, and machinery.....	..do.....	170.3	12.4				34.3		64.6	53.9
Accumulated cost, end of 1978....	..do.....	44,191.6	673.4	76.1	2,233.7	8,266.1	6,942.9	14,195.4	11,804.0	11,510.0
Oil and gas field properties.....	..do.....	43,154.1	673.4	76.1	2,211.8	8,069.7	6,847.0	13,805.1	11,510.0	
Buildings, other structures, and machinery.....	..do.....	1,037.5			21.8	196.4	95.9	390.2	294.0	

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 8. Detailed Statistics Grouped by Natural Gas Unit Values: 1978

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per 1,000 cu. ft.							
			.000 to .399	.400 to .599	.600 to .799	.800 to .999	1.000 to 1.199	1.200 to 1.399	1.400 to 1.599	1.600 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,555.4	63.9	76.4	454.7	727.5	827.8	274.8	59.9	70.4
From stripper well leases.....	..do.....	320.3	46.5	11.7	61.4	89.1	71.6	10.6	10.6	18.8
Lease condensate.....	..do.....	114.9	0.4	1.2	24.9	27.4	39.8	4.5	6.1	10.6
Natural gas.....	Bil. cu. ft.	15,192.0	102.0	270.4	3,862.6	3,978.6	5,187.5	581.0	564.4	645.3
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	38,400.8	796.1	1,007.7	6,957.4	10,292.8	13,226.3	2,560.8	1,546.9	2,012.7
Crude petroleum.....	..do.....	22,164.8	715.0	843.3	3,984.4	6,423.7	7,172.3	1,671.1	614.0	741.1
Lease condensate.....	..do.....	21,041.4	711.5	832.9	3,734.7	6,157.0	6,787.3	1,632.8	551.9	633.4
Natural gas.....	..do.....	1,123.4	3.6	10.4	249.8	266.7	385.0	38.2	62.0	107.7
Income from oil and gas royalties	..do.....	14,953.6	28.5	141.0	2,728.1	3,569.7	5,657.2	750.1	852.1	1,226.9
Other lease revenues from pro- ducing operations.....	..do.....	1,039.6	46.9	20.8	164.8	274.3	341.6	107.4	54.9	29.0
Lease revenues.....	..do.....	242.8	5.7	2.6	80.0	25.2	55.3	32.3	26.0	15.7
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	30,474.9	445.7	595.4	5,003.9	8,047.6	10,243.1	2,354.0	1,879.1	1,906.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	93.3	172.0	1,079.4	2,360.4	3,405.4	747.0	808.4	785.6
Dry holes.....	..do.....	4,137.7	60.1	108.5	461.6	878.7	1,331.4	401.7	458.3	437.4
Oil wells.....	..do.....	2,215.2	24.1	52.9	309.2	475.2	769.7	172.2	207.1	204.8
Gas wells.....	..do.....	461.5	31.5	30.9	32.7	80.9	165.8	52.7	26.7	40.2
Work-in-progress adjustment..	..do.....	1,119.4	2.9	25.6	123.8	218.6	325.2	109.6	136.6	177.0
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	1.6	-1.0	-4.1	103.9	70.6	67.2	87.8	15.5
Land department leasing and scouting.....	..do.....	2,912.3	11.8	31.1	223.4	821.2	1,185.8	199.2	231.5	208.3
Geological and geophysical.....	..do.....	163.6	2.7	5.0	30.2	46.2	45.5	5.3	8.7	20.0
Lease rents.....	..do.....	1,045.9	2.8	7.8	185.9	273.0	433.9	52.4	36.8	53.3
Test hole contributions.....	..do.....	285.3	2.9	10.8	53.4	75.7	79.5	17.5	27.0	18.6
Other exploration expenditures, including direct overhead.....	..do.....	24.5	2.3	1.9	6.7	10.9	4.7	0.3	0.6	0.7
General and administrative overhead, not reported elsewhere.....	..do.....	393.5			58.2	122.6	118.4	43.8	19.6	27.4
Development expenditures.....	..do.....	488.9	10.8	7.0	59.9	132.1	206.3	26.9	25.9	19.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	96.4	216.2	1,854.2	2,862.2	3,631.6	965.4	742.2	644.1
Dry holes.....	..do.....	6,839.1	65.1	179.3	1,155.1	1,812.7	2,128.6	497.8	537.6	463.0
Oil wells.....	..do.....	788.6	16.2	19.6	140.7	181.9	179.8	57.2	101.7	91.5
Gas wells.....	..do.....	2,240.5	37.8	121.3	355.8	605.8	697.7	152.7	120.6	148.9
Work-in-progress adjustment..	..do.....	2,825.7	11.1	38.3	495.9	697.4	874.2	211.2	280.1	217.5
Lease equipment <sup>3</sup> .....	..do.....	984.3	(2)	(2)	162.6	327.7	377.0	76.7	35.2	5.1
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	18.0	23.4	266.3	579.8	745.9	338.1	118.8	85.9
Fluid injection and improved recovery programs.....	..do.....	450.1	2.7	3.4	18.6	54.1	247.7	58.7	39.5	25.4
Other development expenditures, including direct overhead.....	..do.....	639.3	7.2	4.0	190.3	242.9	180.8	10.7	9.8	3.5
General and administrative overhead not reported elsewhere.....	..do.....	467.5			150.5	106.3	124.7	38.0	20.1	17.9
Production expenditures.....	..do.....	440.2	3.3	6.2	73.5	66.4	203.8	22.1	16.5	48.4
Direct operating expenditures..	..do.....	10,010.9	255.9	207.2	2,070.3	2,824.9	3,206.1	641.5	328.6	476.3
Operating and maintenance.....	..do.....	6,166.5	181.6	134.9	1,307.8	1,848.5	1,908.7	310.9	201.2	272.9
Well workovers.....	..do.....	4,889.3	146.7	117.6	1,068.5	1,499.3	1,436.2	273.2	156.3	191.7
Other direct expenses.....	..do.....	779.2	20.6	14.8	198.4	222.8	222.0	26.8	31.7	42.2
Indirect operating expenditures	..do.....	498.0	14.4	2.6	41.0	126.5	250.5	10.9	13.2	39.0
Taxes (excluding income taxes)	..do.....	3,844.4	74.3	72.3	762.5	976.4	1,297.4	330.7	127.4	203.4
General and administrative overhead.....	..do.....	2,380.2	26.5	31.6	457.5	622.8	784.8	249.3	83.0	124.7
Other indirect expenses.....	..do.....	1,070.5	36.2	37.7	269.5	236.4	319.4	68.8	41.2	61.3
	..do.....	393.7	11.5	3.0	35.5	117.2	193.3	12.6	3.2	17.4

See footnotes at end of table.



Table 8. Detailed Statistics Grouped by Natural Gas Unit Values: 1978—Continued

(Net company interest basis)

Item	Unit of measure	United Statea, total	Dollars per 1,000 cu. ft.							
			.000 to .399	.400 to .599	.600 to .799	.800 to .999	1.000 to 1.199	1.200 to 1.399	1.400 to 1.599	1.600 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	24.1	52.9	309.2	475.2	769.7	172.2	207.1	204.8
Number of wells.....	Number.....	5,013	827	363	516	791	1,034	514	392	577
Total footage drilled.....	Thou. ft....	31,464	2,584	2,133	3,469	5,405	7,650	3,031	3,084	4,108
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	31.5	30.9	32.7	80.9	165.8	52.7	26.7	40.2
Number of wells.....	Number.....	2,046	631	281	123	183	312	223	89	204
Total footage drilled.....	Tbou. ft....	9,877	1,848	1,091	688	1,279	2,099	1,449	538	885
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	2.9	25.6	123.8	218.6	325.2	109.6	136.6	177.0
Number of wells.....	Number.....	1,969	62	113	228	306	576	206	228	251
Total footage drilled.....	Thou. ft....	13,661	173	578	1,437	2,095	3,718	1,467	2,034	2,159
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	16.2	19.6	140.7	181.9	179.8	57.2	101.7	91.5
Number of wells.....	Number.....	4,463	439	379	913	565	738	233	399	798
Total footage drilled.....	Thou. ft....	22,898	1,419	1,417	3,933	3,190	4,201	1,289	2,979	4,470
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	37.8	121.3	355.8	605.8	697.7	152.7	120.6	148.9
Number of wells.....	Number.....	10,382	879	918	1,602	2,339	2,397	940	342	966
Total footage drilled.....	Thou. ft....	46,492	2,449	3,037	8,317	10,552	11,380	3,865	2,234	4,658
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	11.1	38.3	495.9	697.4	874.2	211.2	280.1	217.5
Number of wells.....	Number.....	7,033	145	205	1,097	1,278	1,867	522	627	1,292
Total footage drilled.....	Thou. ft....	42,318	346	1,007	6,553	8,371	11,181	3,098	5,289	6,473
Expenditures for platforms.....	Mil. dol....	750.5	(D)	-	121.3	189.8	271.0	(D)	85.8	47.1
Drilling platforms <sup>2</sup> .....	..do.....	475.6	(D)	-	87.2	141.2	168.6	(D)	48.6	6.9
Production platforms <sup>3</sup> .....	..do.....	274.9	(D)	-	34.0	48.6	102.4	(D)	37.2	40.2
Gross book value of fixed assets										
(beginning of year) <sup>4</sup> .....	..do.....	94,779.4	1,209.9	3,522.2	20,242.7	26,353.8	28,831.4	6,394.0	4,557.8	3,667.6
Oil and gas field properties.....	..do.....	92,769.8	1,118.1	3,465.8	19,641.2	25,986.5	28,231.1	6,274.3	4,489.1	3,563.7
Buildings, other structures, and machinery.....	..do.....	2,009.6	91.8	56.4	601.5	367.3	600.3	119.6	68.8	103.9
Capitalized expenditures.....										
Oil and gas field properties.....	..do.....	17,190.9	78.3	334.2	2,723.6	4,253.4	5,559.8	1,653.2	1,381.0	1,207.5
Buildings, other structures, and machinery.....	..do.....	16,589.8	70.2	319.4	2,530.9	4,172.9	5,414.6	1,581.7	1,348.8	1,151.3
Retirement and dispositions.....	..do.....	600.9	8.0	14.7	192.7	80.5	145.2	71.4	32.2	56.1
Retirement and dispositions.....										
Oil and gas properties.....	..do.....	5,863.1	51.1	91.3	1,566.4	1,432.6	1,882.6	457.7	219.9	161.6
Buildings, other structures, and machinery.....	..do.....	5,733.2	49.3	89.2	1,510.7	1,415.7	1,842.3	451.4	216.1	158.4
Gross book value of fixed assets										
(end of year).....	..do.....	129.9	1.8	2.0	55.7	16.9	40.2	6.3	3.7	3.2
Oil and gas field properties.....	..do.....	5,863.1	51.1	91.3	1,566.4	1,432.6	1,882.6	457.7	219.9	161.6
Buildings, other structures, and machinery.....	..do.....	5,733.2	49.3	89.2	1,510.7	1,415.7	1,842.3	451.4	216.1	158.4
Gross book value of fixed assets										
(end of year).....	..do.....	106,107.3	1,237.2	3,765.1	21,400.0	29,174.5	32,508.6	7,589.4	5,719.0	4,713.4
Oil and gas field properties.....	..do.....	103,626.5	1,139.2	3,696.0	20,661.4	28,743.6	31,803.3	7,404.6	5,621.7	4,556.6
Buildings, other structures, and machinery.....	..do.....	2,480.7	98.0	69.1	738.6	430.8	705.2	184.8	97.3	156.8
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1978.....	..do.....	6,814.9	68.6	102.3	1,414.4	1,796.4	2,140.8	566.3	387.0	339.1
Oil and gas field properties.....	..do.....	6,644.7	64.2	97.6	1,365.8	1,776.8	2,085.5	551.2	380.0	323.5
Buildings, other structures, and machinery.....	..do.....	170.3	4.4	4.7	48.7	19.6	55.3	15.1	6.9	15.6
Accumulated cost, end of 1978....	..do.....	44,191.6	772.6	653.3	10,216.5	14,289.6	13,386.7	2,121.6	1,365.9	1,385.2
Oil and gas field properties.....	..do.....	43,154.1	717.3	632.6	9,880.3	14,083.2	13,099.8	2,072.5	1,339.3	1,329.1
Buildings, other structures, and machinery.....	..do.....	1,037.5	55.3	20.8	336.2	206.4	287.0	49.1	26.7	56.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

(Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 9. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,555.4	2,203.0	489.0	1,124.0	590.1	210.3	163.3	47.0	142.0
From stripper well leases.....	..do.....	320.3	233.9	73.2	86.3	74.4	57.2	35.7	21.5	29.3
Lease condensate.....	..do.....	114.9	88.1	26.0	34.0	28.2	18.1	16.2	1.8	8.7
Natural gas.....	Bil. cu. ft.	15,192.0	11,981.7	3,491.5	4,931.8	3,558.4	2,747.6	2,279.7	467.8	462.7
Lease revenues.....	Mil. dol....	38,400.8	30,777.2	7,477.7	14,147.0	9,152.6	5,599.8	4,541.9	1,057.9	2,073.8
Crude petroleum and condensate...	..do.....	22,164.8	18,557.6	4,408.3	9,070.4	5,128.9	2,188.9	1,684.5	504.4	1,418.3
Crude petroleum.....	..do.....	21,041.4	17,710.1	4,146.8	8,681.8	4,881.6	2,008.0	1,516.5	491.5	1,323.3
Lease condensate.....	..do.....	1,123.4	847.4	261.6	338.6	247.2	180.9	168.0	12.9	95.0
Natural gas.....	..do.....	14,953.6	11,278.0	2,886.7	4,680.5	3,710.8	3,106.6	2,649.2	457.4	569.1
Income from oil and gas royalties	..do.....	1,039.6	745.3	148.2	379.5	217.6	267.2	174.8	92.5	27.1
Other lease revenues from producing operations.....	..do.....	242.8	196.4	34.5	66.6	95.4	37.1	33.4	3.7	9.3
Expenditures (capitalized and expensed).....	..do.....	30,474.9	23,346.9	6,770.6	10,681.3	5,895.0	6,079.6	5,392.2	687.3	1,048.4
Exploration expenditures.....	..do.....	9,451.6	6,760.1	1,840.8	3,202.2	1,717.1	2,413.4	2,239.6	173.8	278.2
Drilling and equipping wells <sup>2 3</sup>	..do.....	4,137.7	2,688.7	786.7	1,132.5	769.5	1,268.6	1,164.4	104.2	180.5
Dry holes.....	..do.....	2,215.2	1,610.1	400.0	818.3	391.8	531.2	498.1	33.1	73.9
Oil wells.....	..do.....	461.5	280.2	84.0	88.5	107.7	146.6	120.6	26.0	34.7
Gas wells.....	..do.....	1,119.4	639.7	264.9	211.6	163.3	429.2	388.2	41.0	50.6
Work-in-progress adjustment..	..do.....	341.6	158.7	37.8	14.1	106.8	161.6	157.5	4.1	21.3
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,917.3	2,139.0	592.0	1,030.8	516.2	776.9	698.2	28.6	46.4
Land department leasing and scouting.....	..do.....	163.6	117.3	40.9	48.4	28.0	42.2	31.7	10.5	4.1
Geological and geophysical.....	..do.....	1,045.9	907.8	270.9	502.1	184.8	127.3	122.9	4.4	10.8
Lease rents.....	..do.....	285.3	208.4	66.3	99.4	42.7	68.7	62.5	6.2	8.2
Test hole contributions.....	..do.....	24.5	21.7	6.2	5.8	9.8	7.7	2.1	.6	0.7
Other exploration expenditures, including direct overhead.....	..do.....	393.5	306.3	55.2	165.6	85.5	77.8	76.8	1.1	9.4
General and administrative overhead, not reported elsewhere.....	..do.....	488.9	371.0	72.7	217.7	80.6	99.3	81.1	18.2	18.6
Development expenditures.....	..do.....	11,012.4	8,343.0	2,539.3	3,854.3	1,949.4	2,281.0	2,077.2	703.7	388.4
Drilling and equipping wells <sup>2 3</sup>	..do.....	6,839.1	4,926.7	1,560.1	2,323.6	1,043.0	1,619.8	1,466.0	153.8	292.6
Dry holes.....	..do.....	788.6	514.3	165.8	225.3	123.2	259.8	210.4	49.4	14.5
Oil wells.....	..do.....	2,240.5	1,740.1	607.5	755.6	376.9	353.1	299.6	53.6	147.3
Gas wells.....	..do.....	2,825.7	1,903.9	633.0	809.8	461.0	796.6	756.2	40.4	125.3
Work-in-progress adjustment..	..do.....	984.3	768.5	153.7	532.9	81.9	210.2	199.8	10.4	5.5
Lease equipment <sup>4</sup> .....	..do.....	2,176.2	1,779.7	382.5	940.9	456.3	366.7	340.0	26.7	29.9
Lease and land acquisitions of producing acreage.....	..do.....	450.1	320.2	68.2	66.7	185.3	108.2	100.6	7.6	21.6
Fluid injection and improved recovery programs.....	..do.....	639.3	606.8	279.4	214.3	113.1	30.2	28.8	1.5	2.3
Other development expenditures, including direct overhead.....	..do.....	467.5	393.7	162.4	173.7	57.6	69.6	63.9	5.8	4.1
General and administrative overhead not reported elsewhere.....	..do.....	440.7	315.8	86.7	135.0	94.1	86.4	78.1	8.3	38.0
Production expenditures.....	..do.....	10,010.9	8,243.8	2,390.5	3,674.8	2,228.6	1,385.3	1,075.4	309.9	381.8
Direct operating expenditures..	..do.....	6,166.5	5,072.8	1,575.8	2,273.0	1,274.0	865.7	653.7	212.0	227.9
Operating and maintenance....	..do.....	4,889.3	3,987.2	1,335.7	1,720.8	930.8	713.1	537.0	176.1	189.0
Well workovers.....	..do.....	779.2	636.5	207.3	272.0	157.2	113.2	92.2	21.0	29.5
Other direct expenses.....	..do.....	498.0	449.1	32.8	230.2	186.1	39.4	24.5	14.9	9.5
Indirect operating expenditures	..do.....	3,844.4	3,171.0	814.7	1,401.8	954.5	519.6	421.7	97.8	153.8
Taxes (excluding income taxes)	..do.....	2,380.2	2,047.5	470.4	1,004.6	567.5	266.7	216.2	50.5	71.0
General and administrative overhead.....	..do.....	1,070.5	781.7	288.1	317.7	175.9	211.9	172.0	39.9	76.9
Other indirect expenses.....	..do.....	393.7	346.7	56.2	79.4	211.2	40.9	33.5	7.4	6.0

See footnotes at end of table.

**Table 9. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistica grouped by accounting method and selected size-class <sup>1</sup>							
			Successful efforts				Full cost			Combined or other methods
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Gross book value of fixed assets (beginning of year).....	Mil. dol....	94,779.4	73,089.4	23,745.6	34,264.4	15,079.3	17,559.4	16,318.4	1,241.1	4,130.6
Oil and gas field properties <sup>5</sup> .....	..do.....	92,769.8	71,519.8	23,031.3	33,723.3	14,765.1	17,194.4	16,039.6	1,154.8	4,055.6
Nonproducing properties.....	..do.....	15,549.4	11,131.9	4,001.4	4,594.7	2,535.8	4,211.1	4,101.6	109.5	206.4
Leaseholds.....	..do.....	13,608.4	10,595.5	3,766.1	4,415.2	2,414.1	2,837.0	2,748.1	88.9	176.0
Other pre-development accounts.....	..do.....	1,941.1	536.5	235.3	179.5	121.6	1,374.2	1,353.5	20.6	30.5
Producing properties.....	..do.....	73,143.0	57,339.2	18,494.5	27,290.0	11,554.7	12,003.1	10,968.6	1,034.5	3,800.7
Leaseholds.....	..do.....	15,976.6	12,211.9	4,062.3	5,779.2	2,370.5	3,048.1	2,767.8	280.3	716.7
Intangible drilling and development accounts.....	..do.....	29,277.9	22,854.5	8,004.5	10,829.2	4,020.8	5,049.9	4,965.8	84.1	1,373.4
Lease and well equipment.....	..do.....	27,888.5	22,272.7	6,427.8	10,681.6	5,163.4	3,905.2	3,235.0	670.2	1,710.6
Work-in-progress.....	..do.....	4,077.5	3,048.7	535.4	1,838.7	674.7	980.2	969.5	10.7	48.5
Intangible drilling and development accounts.....	..do.....	2,016.3	1,358.6	243.9	824.1	290.6	635.7	628.6	7.1	22.1
Lease and well equipment.....	..do.....	2,061.0	1,690.1	291.4	1,014.6	384.1	344.6	340.9	3.7	26.4
Buildings, other structures, and machinery.....	..do.....	2,009.6	1,569.6	714.3	541.1	314.2	365.0	278.7	86.3	75.0
Capitalized expenditures.....	..do.....	17,190.9	12,379.8	4,135.9	5,810.9	2,433.1	4,434.8	4,236.3	198.5	376.3
Oil and gas field properties <sup>5</sup> .....	..do.....	16,589.8	11,895.5	3,883.5	5,682.1	2,329.9	4,358.5	4,169.2	189.3	335.9
Nonproducing properties.....	..do.....	3,637.6	2,393.0	678.6	1,162.7	551.7	1,192.2	1,156.7	35.6	52.4
Leaseholds.....	..do.....	2,887.3	2,105.3	569.9	1,053.4	482.0	740.2	713.3	26.9	41.8
Other pre-development accounts.....	..do.....	750.3	287.7	108.7	109.3	69.7	452.0	443.4	8.7	10.6
Producing properties.....	..do.....	7,483.4	5,161.7	2,331.5	2,015.1	815.1	2,096.9	1,962.4	134.5	224.8
Leaseholds.....	..do.....	626.3	402.7	168.3	38.7	195.8	195.2	188.7	6.5	28.3
Intangible drilling and development accounts.....	..do.....	3,858.9	2,643.9	1,308.9	1,105.0	230.1	1,144.0	1,123.9	20.1	71.0
Lease and well equipment.....	..do.....	2,998.3	2,115.1	854.4	871.4	389.3	757.6	649.7	107.9	125.5
Work-in-progress.....	..do.....	5,468.7	4,340.6	873.1	2,504.4	963.1	1,069.5	1,050.1	19.4	58.7
Intangible drilling and development accounts.....	..do.....	3,487.6	2,688.8	670.7	1,439.8	578.3	762.8	746.8	16.0	36.0
Lease and well equipment.....	..do.....	1,981.2	1,651.8	202.5	1,064.6	384.7	306.7	303.4	3.3	22.7
Buildings, other structures, and machinery.....	..do.....	600.9	484.2	252.3	128.7	103.2	76.3	67.1	9.2	40.4
Retirements and dispositions.....	..do.....	5,863.1	4,909.9	1,772.6	2,216.8	920.5	887.8	821.3	66.5	65.4
Oil and gas properties <sup>5</sup> .....	..do.....	5,733.2	4,794.4	1,717.3	2,178.7	898.4	876.5	812.7	63.8	62.3
Nonproducing properties.....	..do.....	2,723.3	2,370.1	682.8	1,109.6	577.7	332.5	324.5	8.0	20.7
Leaseholds.....	..do.....	2,571.8	2,287.1	654.7	1,072.9	559.5	266.0	258.4	7.6	18.7
Other pre-development accounts.....	..do.....	151.5	83.0	28.1	36.7	18.2	66.4	66.1	0.4	2.0
Producing properties.....	..do.....	1,628.8	1,179.1	596.8	426.1	156.2	410.8	357.0	53.8	38.8
Leaseholds.....	..do.....	331.5	249.4	207.3	32.0	10.1	70.4	66.7	3.7	11.6
Intangible drilling and development accounts.....	..do.....	634.9	476.9	205.1	215.7	56.1	147.4	143.0	4.4	10.6
Lease and well equipment.....	..do.....	662.4	452.7	184.3	178.4	90.0	192.9	147.2	45.7	16.7
Work-in-progress.....	..do.....	1,381.3	1,245.2	437.7	642.9	164.6	133.2	131.2	2.0	2.8
Intangible drilling and development accounts.....	..do.....	1,079.7	963.5	394.7	439.7	129.1	115.1	113.4	1.7	1.1
Lease and well equipment.....	..do.....	301.6	281.8	43.0	203.3	35.5	18.1	17.8	0.3	1.7
Buildings, other structures, and machinery.....	..do.....	129.9	115.6	55.4	38.2	22.0	11.2	8.6	2.6	3.0
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	80,559.2	26,108.9	37,858.4	16,591.9	21,106.6	19,733.4	1,373.2	4,441.5
Oil and gas field properties <sup>5</sup> .....	..do.....	103,626.5	78,621.0	25,197.7	37,226.8	16,196.5	20,676.4	19,396.2	1,280.3	4,329.1
Nonproducing properties.....	..do.....	15,824.5	10,579.7	3,748.4	4,432.5	2,398.8	5,018.7	4,886.0	132.7	226.1
Leaseholds.....	..do.....	13,191.9	9,844.5	3,435.9	4,175.9	2,232.8	3,163.1	3,058.6	104.5	184.3
Other pre-development accounts.....	..do.....	2,632.8	735.2	312.6	256.6	166.0	1,855.7	1,827.5	28.3	41.9
Producing properties.....	..do.....	82,790.3	64,521.4	20,794.8	30,744.3	12,982.3	14,259.9	13,139.3	1,120.6	4,009.0
Leaseholds.....	..do.....	17,038.8	13,025.5	4,291.2	6,066.7	2,667.6	3,265.2	2,977.3	287.9	748.1
Intangible drilling and development accounts.....	..do.....	34,054.5	26,212.1	9,284.3	12,380.8	4,547.0	6,406.6	6,306.7	99.9	1,435.8
Lease and well equipment.....	..do.....	31,697.1	25,283.8	7,219.3	12,296.8	5,767.6	4,588.1	3,855.3	732.8	1,825.1
Work-in-progress.....	..do.....	5,011.8	3,519.9	654.5	2,050.1	815.4	1,397.9	1,370.9	27.0	94.0
Intangible drilling and development accounts.....	..do.....	2,794.8	1,856.4	323.4	1,146.4	386.5	885.4	865.0	20.5	53.0
Lease and well equipment.....	..do.....	2,216.9	1,663.6	331.1	903.6	428.9	512.4	505.9	6.5	41.0
Buildings, other structures, and machinery.....	..do.....	2,480.7	1,938.2	911.2	631.6	395.4	430.1	337.2	92.9	112.4

See footnotes at end of table.

Table 9. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1978—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1978.....	Mil. dol....	6,814.9	5,408.1	1,839.6	2,576.5	992.0	1,251.7	1,186.6	65.2	155.1
Oil and gas properties <sup>2</sup> .....	..do.....	6,644.7	5,277.9	1,774.4	2,536.0	967.5	1,220.7	1,160.6	60.1	146.1
Nonproducing properties.....	..do.....	1,477.9	1,257.9	445.9	529.8	282.3	212.0	206.2	5.8	7.9
Leaseholds.....	..do.....	1,288.5	1,185.3	440.8	498.4	246.1	97.3	93.8	3.6	5.8
Other pre-development accounts.....	..do.....	189.4	72.6	5.1	31.4	36.1	114.7	112.5	2.2	2.1
Producing properties.....	..do.....	4,950.1	3,830.3	1,324.0	1,821.7	684.5	983.2	929.1	54.2	136.6
Leaseholds.....	..do.....	1,008.6	718.7	296.3	270.0	152.4	254.6	242.8	11.9	35.3
Intangible drilling and development accounts.....	..do.....	1,888.7	1,458.2	559.1	680.7	218.4	403.7	395.9	7.8	26.8
Lease and well equipment.....	..do.....	2,052.6	1,653.2	468.4	871.0	313.8	324.9	290.3	34.5	74.5
Work-in-progress.....	..do.....	216.6	189.6	4.4	184.4	0.7	25.4	25.3	0.1	1.6
Intangible drilling and development accounts.....	..do.....	196.2	181.1	2.7	178.1	0.2	14.4	14.4	(2)	0.8
Lease and well equipment.....	..do.....	20.3	8.5	1.7	6.3	0.5	11.0	10.9	0.1	0.8
Buildings, other structures, and machinery.....	..do.....	170.3	130.2	65.2	40.5	24.5	31.1	26.0	5.1	9.0
Accumulated cost, end of 1978....	..do.....	44,191.6	36,225.8	10,584.9	17,659.5	7,981.5	7,121.6	6,321.5	800.0	844.2
Oil and gas field properties <sup>3</sup> .....	..do.....	43,154.1	35,405.5	10,191.3	17,401.2	7,813.1	6,938.9	6,184.7	754.2	809.7
Nonproducing properties.....	..do.....	4,706.0	3,674.4	1,076.2	1,767.0	831.2	1,000.8	967.2	33.6	30.8
Leaseholds.....	..do.....	4,016.2	3,494.3	1,049.1	1,682.1	763.1	498.6	471.1	27.5	23.3
Other pre-development accounts.....	..do.....	689.8	180.1	27.0	84.9	68.1	502.2	496.1	6.1	7.5
Producing properties.....	..do.....	38,300.2	31,662.2	9,097.8	15,588.9	6,975.4	5,865.2	5,145.1	720.1	772.8
Leaseholds.....	..do.....	7,379.0	5,724.7	1,429.7	2,943.3	1,351.7	1,437.4	1,225.7	211.7	216.9
Intangible drilling and development accounts.....	..do.....	15,739.8	13,327.4	4,126.7	6,724.2	2,476.5	2,273.0	2,205.2	67.9	139.4
Lease and well equipment.....	..do.....	15,181.5	12,610.1	3,541.5	5,921.4	3,147.2	2,154.7	1,714.1	440.6	416.7
Work-in-progress.....	..do.....	147.8	69.0	17.3	45.2	6.5	72.8	72.4	0.4	6.0
Intangible drilling and development accounts.....	..do.....	103.3	57.4	13.1	43.6	0.7	43.5	43.2	0.3	2.4
Lease and well equipment.....	..do.....	44.5	11.6	4.2	1.7	5.8	29.4	29.2	0.2	3.6
Buildings, other structures, and machinery.....	..do.....	1,037.5	820.3	393.5	258.3	168.4	182.6	136.8	45.9	34.6
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	1,610.1	400.0	818.3	391.8	531.2	498.1	33.1	73.9
Number of wells.....	Number.....	5,013	2,396	785	718	893	1,977	1,184	793	640
Total footage drilled.....	Thou. ft....	31,464	17,411	5,687	6,023	5,701	11,341	8,370	2,971	2,712
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	280.2	84.0	88.5	107.7	146.6	120.6	26.0	34.7
Number of wells.....	Number.....	2,046	767	295	120	352	1,059	570	489	220
Total footage drilled.....	Thou. ft....	9,877	4,487	1,777	970	1,740	4,524	2,548	1,976	866
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	639.7	264.9	211.6	163.3	429.2	388.2	41.0	50.6
Number of wells.....	Number.....	1,969	934	379	209	346	831	595	236	203
Total footage drilled.....	Thou. ft....	13,661	7,233	2,682	1,674	2,877	5,214	4,034	1,180	1,214
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	514.3	165.8	225.3	123.2	259.8	210.4	49.4	14.5
Number of wells.....	Number.....	4,463	2,045	769	411	865	2,249	1,184	1,065	170
Total footage drilled.....	Thou. ft....	22,898	11,413	4,220	2,873	4,320	10,788	5,567	5,221	697
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	1,740.1	607.5	755.6	376.9	353.1	299.6	53.6	147.3
Number of wells.....	Number.....	10,382	7,320	2,971	2,262	2,087	2,447	1,367	1,080	616
Total footage drilled.....	Thou. ft....	46,492	33,594	13,308	10,592	9,694	10,416	6,929	3,487	2,482
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	1,903.9	633.0	809.8	461.0	796.6	756.2	40.4	125.3
Number of wells.....	Number.....	7,033	3,271	1,031	1,203	1,037	2,608	2,009	599	1,154
Total footage drilled.....	Thou. ft....	42,318	23,032	7,139	8,751	7,142	14,631	12,318	2,313	4,655
Expenditures for platforms.....	Mil. dol....	750.5	534.0	189.5	226.2	118.3	206.6	203.2	3.4	9.9
Drilling platforms <sup>4</sup> .....	..do.....	475.6	338.8	125.8	169.4	43.6	130.9	130.0	0.9	6.0
Production platforms <sup>4</sup> .....	..do.....	274.9	195.2	63.7	56.8	74.8	75.8	73.2	2.5	3.9

Note: Detailed figures may not add to totals because of independent rounding.

(2) Less than half of the unit of measurement shown.

<sup>1</sup>The numerator of the ratio was derived by subtracting production expenditures and cost of depreciation, depletion, and amortization during the year from lease revenues. The denominator was derived by subtracting accumulated depreciation, depletion, and amortization from gross book value of assets at the end of the year.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>5</sup>Since many companies using the full cost method of accounting do not maintain separate accounts or could not provide reasonable estimates of non-producing, producing, and work-in-progress categories, the details for assets and related accounts for oil and gas field properties do not equal the total.

**Table 10. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mill. bbl....	2,555.4	101.7	445.3	220.5	310.9	723.7	381.1	291.1	81.1
From stripper well leases.....	..do.....	320.3	30.6	38.0	20.4	34.2	65.7	56.9	59.7	14.7
Lease condensate.....	..do.....	114.9	0.9	14.8	12.2	15.6	19.3	18.1	26.2	7.8
Natural gas.....	Bil. cu. ft.	15,192.0	294.3	2,772.8	1,751.8	1,773.3	3,018.0	1,960.5	2,820.7	800.5
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>38,400.8</b>	<b>1,469.2</b>	<b>6,800.4</b>	<b>3,556.8</b>	<b>4,553.0</b>	<b>8,942.2</b>	<b>5,528.4</b>	<b>5,786.4</b>	<b>1,764.3</b>
Crude petroleum and condensate...	..do.....	22,164.8	1,144.9	3,676.4	2,029.4	2,794.6	5,486.6	3,516.3	2,717.1	799.3
Crude petroleum.....	..do.....	21,041.4	1,138.0	3,528.6	1,910.5	2,627.0	5,303.7	3,340.2	2,472.6	720.9
Lease condensate.....	..do.....	1,123.4	7.0	147.8	119.0	167.6	183.0	176.2	244.5	78.4
Natural gas.....	..do.....	14,953.6	231.3	2,922.5	1,415.0	1,607.2	3,089.5	1,868.6	2,917.0	902.6
Income from oil and gas royalties	..do.....	1,039.6	76.4			135.1	301.0	116.2	108.5	50.8
Other lease revenues from producing operations.....	..do.....	242.8	16.5	201.6	112.4	16.1	65.3	27.2	43.7	11.6
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>30,474.9</b>	<b>335.8</b>	<b>3,692.3</b>	<b>2,223.7</b>	<b>3,108.8</b>	<b>6,621.8</b>	<b>4,604.5</b>	<b>6,130.0</b>	<b>3,758.2</b>
Exploration expenditures.....	..do.....	9,451.6	50.6	1,043.2	470.4	718.2	1,825.3	1,569.5	2,075.2	1,699.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	4,137.7	39.6	434.3	199.4	310.5	637.9	642.8	926.6	946.7
Dry holes.....	..do.....	2,215.2	17.3	226.9	111.2	185.7	472.8	277.4	453.6	470.4
Oil wells.....	..do.....	461.5	19.7	73.4	32.3	31.6	60.7	64.7	83.1	96.0
Gas wells.....	..do.....	1,119.4	2.7	84.9	39.2	58.0	107.0	219.5	335.9	272.1
Work-in-progress adjustment..	..do.....	341.6	-0.2	49.1	16.8	35.1	-2.7	81.2	54.1	108.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,912.3	2.6	341.5	96.5	145.4	667.7	505.2	643.1	510.3
Land department leasing and scouting.....	..do.....	163.6	(D)	18.9	(D)	(D)	26.7	(D)	52.1	15.5
Geological and geophysical....	..do.....	1,045.9	(D)	114.5	(D)	88.0	233.3	216.4	233.9	68.5
Lease rents.....	..do.....	285.3	1.0	29.3	17.3	32.6	41.5	47.5	77.3	38.9
Test hole contributions.....	..do.....	24.5	(D)	1.7	(D)	(D)	1.2	(D)	2.9	1.0
Other exploration expenditures, including direct overhead.....	..do.....	393.5	0.5	62.0	11.4	148.8		54.3	62.1	54.5
General and administrative overhead, not reported elsewhere.....	..do.....	486.9	1.5	40.9	37.8	195.5		72.2	77.2	63.8
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>11,012.4</b>	<b>108.4</b>	<b>1,102.2</b>	<b>733.6</b>	<b>1,228.3</b>	<b>2,385.5</b>	<b>1,573.1</b>	<b>2,427.8</b>	<b>1,453.5</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,839.1	95.4	622.7	436.8	868.4	1,295.7	960.7	1,603.1	956.2
Dry holes.....	..do.....	788.6	7.8	55.2	43.7	91.5	132.1	79.2	220.2	159.0
Oil wells.....	..do.....	2,240.5	81.5	238.5	136.5	303.6	483.8	344.5	365.3	286.9
Gas wells.....	..do.....	2,825.7	8.5	303.5	195.3	367.3	371.0	335.8	806.7	437.7
Work-in-progress adjustment..	..do.....	984.3	-2.3	25.5	61.4	106.0	308.9	201.2	211.0	72.7
Lease equipment <sup>3</sup> .....	..do.....	2,176.2	8.8	286.3	113.5	223.1	692.1	250.2	320.1	282.2
Lease and land acquisitions of producing acreage.....	..do.....	450.1	(D)	(D)	7.2	(D)	72.5	53.6	190.1	84.4
Fluid injection and improved recovery programs.....	..do.....	639.3	-	92.8	100.2		116.6	151.6	150.1	28.0
Other development expenditures, including direct overhead.....	..do.....	467.5	(D)	35.1	110.9		71.8		81.9	54.2
General and administrative overhead not reported elsewhere.....	..do.....	440.2	(D)	(D)	30.7	(D)	136.7	156.8	82.4	48.6
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>10,010.9</b>	<b>176.7</b>	<b>1,546.9</b>	<b>1,019.6</b>	<b>1,162.4</b>	<b>2,411.0</b>	<b>1,461.8</b>	<b>1,626.9</b>	<b>605.5</b>
Direct operating expenditures..	..do.....	6,166.5	120.4	840.4	614.8	682.3	1,418.8	1,052.4	1,068.1	369.3
Operating and maintenance....	..do.....	4,889.3	104.7	599.0	464.0	542.6	1,129.7	846.8	895.5	307.1
Well workovers.....	..do.....	779.2	12.1	103.2	145.0	108.6	129.7	112.7	124.8	43.1
Other direct expenses.....	..do.....	498.0	3.6	138.2	5.8	31.1	159.4	92.9	47.9	19.1
Indirect operating expenditures	..do.....	3,844.4	56.3	706.4	404.8	480.0	992.2	409.5	558.8	236.2
Taxes (excluding income taxes)	..do.....	2,380.2	21.2	421.5	251.5	290.6	675.1	297.5	331.1	91.6
General and administrative overhead.....	..do.....	1,070.5	29.8	142.8						
Other indirect expenses.....	..do.....	393.7	5.3	142.2	153.4	189.4	317.2	95.3	182.3	107.6
								16.6	45.4	37.0

See footnotes at end of table.

**Table 10. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Gross book value of fixed assets (beginning of year).....	Mill. dol....	94,779.4	3,123.3	12,351.4	8,808.9	10,032.3	20,749.5	15,341.3	17,200.4	7,172.4
Oil and gas field properties <sup>4</sup> .....	..do.....	92,769.8	3,074.4	12,071.2	8,689.8	9,889.1	20,397.1	14,791.2	16,820.1	7,037.0
Nonproducing properties.....	..do.....	15,549.4	63.8	1,971.2	1,383.4	1,320.4	2,833.0	2,662.4	3,488.4	1,826.9
Leaseholds.....	..do.....	13,608.4		1,920.3	1,321.3		2,744.8	2,427.7	2,522.5	1,440.8
Other pre-development accounts.....	..do.....	1,941.1		50.9	62.1		88.2	234.7	965.9	386.2
Producing properties.....	..do.....	73,143.0	3,008.2	9,447.7	7,086.6	8,045.5	16,425.4	11,683.1	12,705.9	4,740.6
Leaseholds.....	..do.....	15,976.6	558.2	1,883.5	1,283.1	1,658.3	4,191.6	2,539.5	2,501.6	1,360.9
Intangible drilling and development accounts.....	..do.....	29,277.9	1,072.0	3,838.5	3,326.2	3,397.3	5,445.0	4,741.6	5,443.5	2,013.8
Lease and well equipment.....	..do.....	27,888.5	1,378.0	3,725.7	2,477.4	2,990.0	6,788.8	4,402.0	4,760.7	1,366.0
Work-in-progress.....	..do.....	4,077.5	2.4	652.3	219.8	523.2	1,138.7	445.7	625.8	469.5
Intangible drilling and development accounts.....	..do.....	2,016.3	1.6	317.4			426.8	210.8	366.0	317.6
Lease and well equipment.....	..do.....	2,061.0	0.7	334.9	219.8	523.2	711.9	234.9	259.8	152.0
Buildings, other structures, and machinery.....	..do.....	2,009.6	48.9	280.1	119.1	143.3	352.4	550.1	380.3	135.4
Capitalized expenditures.....	..do.....	17,190.9	157.2	1,656.3	1,339.0	1,533.2	3,097.0	2,966.2	3,650.6	2,791.5
Oil and gas field properties <sup>4</sup> .....	..do.....	16,589.8	(D)	1,563.8	(D)	(D)	2,983.0	2,850.0	3,562.4	2,731.3
Nonproducing properties.....	..do.....	3,637.6	(D)	359.9	(D)	198.6	750.7	585.9	862.8	701.2
Leaseholds.....	..do.....	2,887.3	7.2		111.3		701.5	535.7	627.4	442.8
Other pre-development accounts.....	..do.....	750.3	(D)	359.9	(D)	198.6				
Producing properties.....	..do.....	7,483.4	(D)	355.3	598.1	(D)	793.3	1,489.3	1,850.3	1,368.4
Leaseholds.....	..do.....	626.3	16.8	30.8	8.4			68.4	199.8	148.0
Intangible drilling and development accounts.....	..do.....	3,858.9	57.4	135.3	371.6		520.8	409.3		
Lease and well equipment.....	..do.....	2,998.3	(D)	189.1	218.1	(D)	384.0	636.9	725.5	410.6
Work-in-progress.....	..do.....	5,468.7	(D)	848.6	(D)	394.2	1,439.0	774.8	849.4	661.5
Intangible drilling and development accounts.....	..do.....	3,487.6	(D)		(D)		718.5	478.1	568.8	411.5
Lease and well equipment.....	..do.....	1,981.2	0.4	848.6	33.2	394.2	720.5	296.8	280.5	250.0
Buildings, other structures, and machinery.....	..do.....	600.9	(D)	92.6	(D)	(D)	113.9	116.2	88.2	60.1
Retirements and dispositions.....	..do.....	5,863.1	59.2	742.3	990.9	378.4	920.2	1,239.8	1,108.6	423.7
Oil and gas field properties <sup>4</sup> .....	..do.....	5,733.2	(D)	733.0	(D)	(D)	911.2	1,210.6	1,094.7	412.7
Nonproducing properties.....	..do.....	2,723.3	(D)	(D)	327.7	(D)	656.4	(D)	511.1	81.4
Leaseholds.....	..do.....	2,571.8	7.1	508.6		151.4	653.1	451.6	429.9	70.7
Other pre-development accounts.....	..do.....	151.5	(D)	(D)	327.7	(D)				
Producing properties.....	..do.....	1,628.8	48.0	151.9	241.1	130.7	198.4	219.6	435.7	203.5
Leaseholds.....	..do.....	331.5	3.5	53.3		2.0	22.8		59.3	24.6
Intangible drilling and development accounts.....	..do.....	634.9	8.1	51.2	241.1	78.5	66.9	219.6	187.7	112.6
Lease and well equipment.....	..do.....	662.4	36.3	47.5		50.2	108.6		188.7	66.3
Work-in-progress.....	..do.....	1,381.3	(D)	(D)	(D)	(D)	56.4	(D)	147.9	127.8
Intangible drilling and development accounts.....	..do.....	1,079.7	(D)	(D)	(D)	(D)		(D)	117.5	106.1
Lease and well equipment.....	..do.....	301.6	(D)	(D)	(D)	(D)	56.4	(D)	30.4	21.7
Buildings, other structures, and machinery.....	..do.....	129.9	2.9	9.3	(D)	(D)	9.1	29.2	13.9	11.0
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	3,221.2	13,265.4	9,157.0	11,187.2	22,926.2	17,067.8	19,742.4	9,540.2
Oil and gas field properties <sup>4</sup> .....	..do.....	103,626.5	3,167.3	12,902.0	9,010.6	11,003.7	22,469.0	16,430.6	19,287.8	9,355.7
Nonproducing properties.....	..do.....	15,824.5	67.8	(D)	1,215.1	(D)	2,800.7	2,548.2	3,647.8	2,491.7
Leaseholds.....	..do.....	13,191.9		1,675.8	1,123.7	(D)	2,670.8	2,261.0	2,572.5	1,718.7
Other pre-development accounts.....	..do.....	2,632.8		(D)	91.4	(D)	130.0	287.2	1,075.3	773.1
Producing properties.....	..do.....	82,790.3	3,096.5	10,370.2	7,517.4	9,059.3	18,485.1	13,316.1	14,776.1	6,169.7
Leaseholds.....	..do.....	17,038.8	571.4	1,916.3	1,255.9	1,786.1	4,372.4	2,798.2	2,827.3	1,511.1
Intangible drilling and development accounts.....	..do.....	34,054.5	1,122.1	4,306.7	3,657.7	3,897.6	6,205.5	5,506.7	6,488.6	2,869.5
Lease and well equipment.....	..do.....	31,697.1	1,402.9	4,147.2	2,603.7	3,375.6	7,907.3	5,011.2	5,460.2	1,789.1
Work-in-progress.....	..do.....	5,011.8	2.9	(D)	278.2	(D)	1,183.1	566.2	863.9	694.3
Intangible drilling and development accounts.....	..do.....	2,794.8	2.2	(D)	129.3	(D)	623.1	319.7	496.9	411.8
Lease and well equipment.....	..do.....	2,216.9	0.7	349.0	148.9	262.3	560.0	246.6	367.0	282.4
Buildings, other structures, and machinery.....	..do.....	2,480.7	53.9	363.4	146.4	183.5	457.2	637.2	454.6	184.5

See footnotes at end of table.

**Table 10. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Depletion, depreciation, and amortization of fixed assets:										
Costa during 1978.....	Mil. dol....	6,814.9	70.0	773.0	743.0	779.3	1,420.3	1,230.8	1,274.9	523.5
Oil and gas properties <sup>1</sup> .....	..do.....	6,644.7	67.2	750.6	728.6	763.9	1,396.4	1,186.8	1,241.9	509.2
Nonproducing properties.....	..do.....	1,477.9	0.2	(D)	256.0	(D)	(D)	(D)	256.4	(D)
Leaseholds.....	..do.....	1,288.5	0.2	(D)		168.3	257.7	261.4	175.5	32.8
Other pre-development accounts.....	..do.....	189.4	-	(D)	256.0	(D)	(D)	(D)	80.9	(D)
Producing properties.....	..do.....	4,950.1	67.0	562.1	472.6	530.0	1,129.4	784.6	969.5	434.9
Leaseholds.....	..do.....	1,008.6	17.2	134.3	86.6	79.4	229.9	158.0	181.8	121.6
Intangible drilling and development accounts.....	..do.....	1,888.7	19.6	194.6	226.0	227.9	323.0	305.7	403.6	188.3
Lease and well equipment...	..do.....	2,052.6	30.2	233.1	160.1	222.8	576.5	321.0	384.1	124.8
Work-in-progress.....	..do.....	216.6	-	(D)	-	(D)	(D)	(D)	16.0	(D)
Intangible drilling and development accounts.....	..do.....	196.2	-	(D)	-	(D)	(D)	(D)	8.3	(D)
Lease and well equipment...	..do.....	20.3	-	(D)	-	(D)	(D)	(D)	7.7	(D)
Buildings, other structures, and machinery.....	..do.....	170.3	2.8	22.4	14.4	15.5	23.9	44.0	33.0	14.3
Accumulated costs, end of 1978...	..do.....	44,191.6	600.3	6,025.9	3,931.7	5,804.1	9,787.6	7,751.5	7,905.2	2,385.3
Oil and gas field properties <sup>1</sup> ...	..do.....	43,154.1	573.7	5,872.7	3,857.0	5,736.9	9,637.2	7,426.6	7,720.4	2,329.6
Nonproducing properties.....	..do.....	4,706.0	0.6	603.3	(D)	(D)	(D)	(D)	1,031.8	301.2
Leaseholds.....	..do.....	4,016.2	0.6		389.8	693.5	811.6	700.6	624.8	202.6
Other pre-development accounts.....	..do.....	689.8	-	603.3	(D)	(D)	(D)	(D)	407.0	98.6
Producing properties.....	..do.....	38,300.2	573.1	5,267.7	3,404.8	5,018.2	8,743.9	6,659.4	6,639.9	1,993.3
Leaseholds.....	..do.....	7,379.0	179.9	905.8	544.0	906.5	2,201.6	976.5	1,232.6	432.0
Intangible drilling and development accounts.....	..do.....	15,739.8	125.7	2,088.7	1,572.9	2,342.8	3,126.8	2,854.8	2,680.9	947.1
Lease and well equipment...	..do.....	15,181.5	267.5	2,273.2	1,287.9	1,768.9	3,415.5	2,828.1	2,726.3	614.1
Work-in-progress.....	..do.....	147.8	(2)	1.8	(D)	(D)	(D)	(D)	48.7	35.1
Intangible drilling and development accounts.....	..do.....	103.3	(2)		(D)	(D)	(D)	(D)	29.0	24.7
Lease and well equipment...	..do.....	44.5	-	1.8	(D)	(D)	(D)	(D)	19.7	10.4
Buildings, other structures, and machinery.....	..do.....	1,037.5	26.6	153.1	74.7	67.2	150.4	324.8	184.8	55.7
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	17.3	226.9	111.2	185.7	472.8	277.4	453.6	470.4
Number of wells.....	Number.....	5,013	180	340	180	196	657	601	1,376	1,482
Total footage drilled.....	Thou. ft....	31,464	908	2,323	1,577	1,570	4,102	4,173	7,804	9,007
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	19.7	73.4	32.3	31.6	60.7	64.7	83.1	96.0
Number of wells.....	Number.....	2,046	101	219	71	101	266	279	350	659
Total footage drilled.....	Thou. ft....	9,877	407	1,056	696	536	1,245	1,098	1,667	3,172
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	2.7	84.9	39.2	58.0	107.0	219.5	335.9	272.1
Number of wells.....	Number.....	1,969	7	119	52	56	285	340	640	470
Total footage drilled.....	Thou. ft....	13,661	40	1,007	452	536	1,672	2,948	3,835	3,171
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	7.8	55.2	43.7	91.5	132.1	79.2	220.2	159.0
Number of wells.....	Number.....	4,463	296	299	96	382	727	309	1,095	1,260
Total footage drilled.....	Thou. ft....	22,898	629	1,648	689	1,798	4,996	1,610	5,986	5,542
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	81.5	238.5	136.5	303.6	483.8	344.5	365.3	286.9
Number of wells.....	Number.....	10,382	390	938	470	1,304	1,735	1,307	2,771	1,467
Total footage drilled.....	Thou. ft....	46,492	1,398	4,127	3,014	5,746	7,571	5,831	11,720	7,085
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	8.5	303.5	195.3	367.3	371.0	335.8	806.7	437.7
Number of wells.....	Number.....	7,033	61	875	280	1,120	1,028	529	2,240	901
Total footage drilled.....	Thou. ft....	42,318	331	4,511	2,181	6,545	5,706	4,011	13,079	5,954
Expenditures for platforms.....	Mil. dol....	750.5	-	88.9	41.6	59.2	108.2	118.8	183.4	150.5
Drilling platforms <sup>2</sup> .....	..do.....	475.6	-	48.5			63.0	94.4	99.9	85.0
Production platforms <sup>3</sup> .....	..do.....	274.9	-	40.5	41.6	59.2	45.2	24.4	83.4	65.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents a drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since many companies using the full cost method of accounting do not maintain separate accounts or could not provide reasonable estimates of nonproducing, producing, and work-in-progress categories, the details for assets and related accounts for oil and gas field properties do not equal the total.

**Table 11 Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures  
to Total Expenditures: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,555.4	100.5	720.8	922.4	592.3	119.7	48.8	22.3	28.7
From stripper well leases.....	..do.....	320.3	54.3	74.7	103.6	54.9	17.4	6.3	3.2	5.9
Lease condensate.....	..do.....	114.9	1.0	28.8	33.1	27.6	11.7	7.7	2.4	2.8
Natural gas.....	Bil. cu. ft.	15,192.0	324.7	3,708.3	4,734.2	4,035.8	1,366.7	575.5	265.9	180.8
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	38,400.8	1,273.4	9,301.6	12,624.4	9,738.8	3,018.9	1,299.1	608.3	536.3
Crude petroleum.....	..do.....	22,164.8	971.5	5,864.3	7,906.6	5,255.0	1,187.6	455.1	232.6	292.1
Lease condensate.....	..do.....	21,041.4	965.2	5,570.7	7,587.5	4,979.2	1,084.0	381.8	206.7	266.2
Natural gas.....	..do.....	1,123.4	6.3	293.6	319.1	275.8	103.6	73.3	25.9	25.9
Income from oil and gas royalties	..do.....	14,953.6	273.1	3,130.5	4,347.8	4,278.6	1,542.9	800.4	345.3	235.0
Other lease revenues from pro-	..do.....	1,039.6	26.4	187.0	313.6	169.4	273.9	31.2	29.6	8.5
ducing operations.....	..do.....	242.8	2.4	119.9	56.3	35.8	14.5	12.5	0.8	0.7
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	30,474.9	712.3	6,361.7	10,015.5	7,238.8	3,060.0	1,223.2	1,063.7	799.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	-	865.9	2,697.0	2,551.4	1,363.3	651.2	684.6	638.2
Dry holes.....	..do.....	4,137.7	-	321.0	1,057.2	998.5	627.0	335.3	399.2	399.6
Oil wells.....	..do.....	2,215.2	-	175.1	738.4	537.5	247.5	175.2	197.2	144.4
Gas wells.....	..do.....	461.5	-	46.1	102.4	146.9	68.7	31.0	41.8	24.7
Work-in-progress adjustment..	..do.....	1,119.4	-	84.8	201.9	255.1	223.0	97.6	147.9	109.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	-	15.0	14.5	59.0	87.8	31.5	12.4	121.4
Land department leasing and scouting.....	..do.....	2,912.3	-	205.7	806.9	854.8	487.4	200.3	213.7	143.6
Geological and geophysical.....	..do.....	163.6	-	19.6	49.4	44.5	27.2	10.5	12.4	31.9
Lease rents.....	..do.....	1,045.9	-	124.0	397.0	329.2	94.1	48.7	20.9	14.6
Test hole contributions.....	..do.....	285.3	-	42.5	83.7	81.0	34.1	17.0	12.4	(D)
Other exploration expenditures, including direct overhead.....	..do.....	24.5	-	6.3	4.4	12.2	0.8	(D)	(2)	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	-	78.0	121.1	103.6	45.0	(D)	(D)	22.9
Development expenditures.....	..do.....	488.9	-	68.9	177.3	127.6	47.7	27.7	18.7	21.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	254.0	2,728.1	3,860.5	2,485.7	1,072.9	303.6	244.7	63.0
Dry holes.....	..do.....	6,839.1	191.2	1,535.4	2,347.0	1,534.3	781.4	223.8	183.8	42.3
Oil wells.....	..do.....	788.6	43.2	162.0	267.3	149.6	72.2	39.2	44.8	10.3
Gas wells.....	..do.....	2,240.5	103.0	607.2	781.4	436.6	194.3	67.9	40.1	10.1
Work-in-progress adjustment..	..do.....	2,825.7	39.1	602.1	937.1	706.0	339.0	106.0	32.0	14.4
Lease equipment <sup>3</sup> .....	..do.....	984.3	5.9	164.1	361.2	242.1	175.9	10.7	16.9	7.6
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	34.2	584.6	808.3	493.1	188.3	44.1	16.4	7.2
Fluid injection and improved recovery programs.....	..do.....	450.1	14.6	129.2	174.0	52.6	44.7	4.6	29.5	0.9
Other development expenditures, including direct overhead.....	..do.....	639.3	7.5	197.9	263.1	155.6	12.9	(D)	15.1	12.7
General and administrative overhead not reported elsewhere.....	..do.....	467.5	5.3	151.6	107.2	151.4	15.4	17.3	(D)	(D)
Production expenditures.....	..do.....	440.2	1.2	129.3	160.9	98.5	30.3	(D)	(D)	(D)
Direct operating expenditures..	..do.....	10,010.9	458.4	2,767.7	3,458.0	2,201.8	623.8	268.4	134.4	98.4
Operating and maintenance....	..do.....	6,166.5	314.5	1,639.2	2,217.5	1,313.3	385.3	144.1	78.4	74.3
Well workovers.....	..do.....	4,889.3	266.7	1,333.9	1,772.4	952.2	313.2	122.5	65.6	62.8
Other direct expenses.....	..do.....	779.2	47.8	211.7	244.3	361.1	59.5	17.0	11.2	9.2
Indirect operating expenditures	..do.....	498.0	93.6	200.8	200.8	12.6	4.6	1.6	2.4	2.4
Taxes (excluding income taxes)	..do.....	3,844.4	143.9	1,128.6	1,240.5	888.5	238.5	124.3	56.0	24.1
General and administrative overhead.....	..do.....	2,380.2	49.9	670.4	811.4	583.7	129.9	84.7	33.2	16.9
Other indirect expenses.....	..do.....	1,070.5	77.3	324.3	329.9	275.6	37.4	20.2	5.8	5.8
	..do.....	393.7	16.7	133.8	99.2	137.9	2.3	2.6	1.4	1.4

See footnotes at end of table.



**Table 11. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	-	175.1	738.4	537.5	247.5	175.2	197.2	144.4
Number of wells.....	Number.....	5,013	-	478	989	1,349	701	485	577	435
Total footage drilled.....	Thou. ft....	31,464	-	2,630	6,581	8,057	4,349	3,770	3,158	2,919
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	-	46.1	102.4	146.9	68.7	31.0	41.8	24.7
Number of wells.....	Number.....	2,046	-	176	363	775	302	139	142	150
Total footage drilled.....	Thou. ft....	9,877	-	827	1,670	3,251	1,622	843	1,014	650
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	-	84.8	201.9	255.1	223.0	97.6	147.9	109.1
Number of wells.....	Number.....	1,969	-	172	333	359	368	272	222	242
Total footage drilled.....	Thou. ft....	13,661	-	1,065	1,945	2,889	2,399	2,196	1,499	1,668
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	43.2	162.0	267.3	149.6	72.2	39.2	44.8	10.3
Number of wells.....	Number.....	4,463	849	1,166	956	873	388	102	95	35
Total footage drilled.....	Thou. ft....	22,898	4,337	5,047	5,483	4,782	1,325	833	891	200
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	103.0	607.2	781.4	436.6	194.3	67.9	40.1	10.1
Number of wells.....	Number.....	10,382	1,323	3,355	3,054	1,738	603	155	126	29
Total footage drilled.....	Thou. ft....	46,492	3,858	14,998	13,150	8,603	3,527	1,107	1,089	160
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	39.1	602.1	937.1	706.0	339.0	106.0	82.0	14.4
Number of wells.....	Number.....	7,033	379	2,235	1,729	1,360	886	173	238	33
Total footage drilled.....	Thou. ft....	42,318	1,975	10,936	11,809	9,500	5,085	1,326	1,480	207
Expenditures for platforms.....	Mil. dol....	750.5	(D)	99.0	230.5	209.1	150.1	25.0	30.6	(D)
Drilling platforms <sup>2</sup> .....	..do.....	475.6	-	75.5	161.5	125.3	103.6	25.0	30.6	1.3
Production platforms <sup>3</sup> .....	..do.....	274.9	(D)	23.6	69.0	83.8	46.5			(D)
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	94,779.4	1,643.1	24,058.9	31,774.4	21,777.0	8,825.1	3,343.8	1,799.2	1,557.9
Oil and gas field properties.....	..do.....	92,769.8	1,531.3	23,405.5	31,200.1	21,411.1	8,688.3	3,282.6	1,763.1	1,487.8
Buildings, other structures, and machinery.....	..do.....	2,009.6	111.8	653.4	574.3	365.9	136.7	61.2	36.2	70.1
Capitalized expenditures.....	..do.....	17,190.9	216.2	3,240.8	4,988.7	4,287.9	2,170.0	814.9	834.6	637.8
Oil and gas field properties.....	..do.....	16,589.8	191.1	2,978.6	4,866.5	4,188.9	2,136.6	798.2	822.5	607.6
Buildings, other structures, and machinery.....	..do.....	600.9	25.1	262.2	122.3	99.1	33.5	16.7	12.1	30.0
Retirement and dispositions.....	..do.....	5,863.1	14.2	1,572.6	1,549.2	1,610.9	635.9	254.2	81.2	144.9
Oil and gas properties.....	..do.....	5,733.2	12.5	1,514.8	1,530.9	1,592.3	612.6	251.1	79.2	139.8
Buildings, other structures, and machinery.....	..do.....	129.9	1.6	57.8	18.3	18.6	23.3	3.1	2.0	5.1
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	1,845.1	25,727.1	35,214.0	24,454.0	10,359.2	3,904.5	2,552.7	2,050.8
Oil and gas field properties.....	..do.....	103,626.5	1,709.9	24,869.2	34,535.7	24,007.6	10,212.3	3,829.7	2,506.4	1,955.8
Buildings, other structures, and machinery.....	..do.....	2,480.7	135.3	857.8	678.3	446.4	146.9	74.8	46.3	95.0
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1978.....	..do.....	6,814.9	87.6	1,694.6	2,224.8	1,676.6	597.1	271.7	145.4	117.3
Oil and gas field properties...	..do.....	6,644.7	79.6	1,634.0	2,186.6	1,639.6	582.4	266.0		
Buildings, other structures, and machinery.....	..do.....	170.3	8.0	60.5	38.2	36.9	14.7	5.7	145.4	117.3
Accumulated cost, end of 1978...	..do.....	44,191.6	841.0	9,807.0	16,741.9	10,873.5	3,405.8	1,414.9	649.4	458.0
Oil and gas field properties...	..do.....	43,154.1	780.8	9,456.9	16,469.2	10,642.4	3,345.9	1,384.5	643.2	431.2
Buildings, other structures, and machinery.....	..do.....	1,037.5	60.1	350.1	272.7	231.2	59.9	30.4	6.2	26.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-to-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 12. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mill. bbl....	2,555.4	44.7	127.4	326.9	1,468.3	236.0	272.7	63.5	15.9
From stripper well leases.....	..do.....	320.3	19.9	41.5	46.5	150.6	36.7	13.9	6.0	5.3
Lease condensate.....	..do.....	114.9	1.3	7.4	16.8	57.8	10.5	13.7	7.4	
Natural gas.....	Bill. cu. ft.	15,192.0	311.0	578.3	1,909.6	8,738.6	1,820.7	1,313.3	314.7	205.8
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>38,400.8</b>	<b>764.9</b>	<b>1,973.6</b>	<b>5,253.6</b>	<b>21,638.5</b>	<b>4,008.3</b>	<b>3,184.1</b>	<b>1,077.6</b>	<b>500.2</b>
Crude petroleum and condensate...	..do.....	22,164.8	463.3	1,202.3	2,994.4	12,675.3	2,174.4	1,726.6	737.3	191.4
Crude petroleum.....	..do.....	21,041.4	450.4	1,144.1	2,829.7	12,099.4	2,074.9	1,595.7	847.2	
Lease condensate.....	..do.....	1,123.4	12.8	58.1	164.7	575.9	99.5	130.9	81.5	
Natural gas.....	..do.....	14,953.6	243.2	680.3	2,041.1	8,322.7	1,685.1	1,364.8	327.2	289.2
Income from oil and gas royalties	..do.....	1,039.6	54.3	79.5	144.3	574.2	115.8	54.5	16.9	
Other lease revenues from producing operations.....	..do.....	242.8	4.1	11.5	73.8	66.4	33.0	38.2	15.9	
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>30,474.9</b>	<b>523.5</b>	<b>1,728.6</b>	<b>4,206.1</b>	<b>15,744.0</b>	<b>3,727.8</b>	<b>3,369.6</b>	<b>709.2</b>	<b>466.1</b>
Exploration expenditures.....	..do.....	9,451.6	220.1	944.9	1,670.8	4,677.6	1,014.1	789.4	115.7	19.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	4,137.7	154.8	567.4	643.9	1,849.2	511.0	332.9	66.9	11.6
Dry holes.....	..do.....	2,215.2	31.9	221.7	346.0	1,187.5	254.5	140.8	24.6	8.2
Oil wells.....	..do.....	461.5	24.6	68.9	61.0	202.5	41.9	38.5	24.1	
Gas wells.....	..do.....	1,119.4	41.6	204.9	173.6	351.4	223.0	110.9	14.0	
Work-in-progress adjustment..	..do.....	341.6	56.7	71.8	63.3	107.8	-8.4	42.8	8.3	-0.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,912.3	22.8	230.5	610.2	1,512.1	257.1	251.5	23.2	4.9
Land department leasing and scouting.....	..do.....	163.6	(D)	19.8	(D)	86.1	19.1	13.2	1.1	(2)
Geological and geophysical.....	..do.....	1,045.9	2.1	42.9	202.3	599.7	109.3	82.3	7.0	.4
Lease rents.....	..do.....	285.3	8.0	21.8	47.8	133.3	41.2	28.2	4.0	1.0
Test hole contributions.....	..do.....	24.5	(D)	0.9	(D)	6.7	(D)	1.4	(D)	-
Other exploration expenditures, including direct overhead.....	..do.....	393.5	7.7	28.3	51.5	206.3	51.1	40.7	(D)	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	488.9	23.1	33.4	82.3	284.2	(D)	39.2	5.9	(D)
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>11,012.4</b>	<b>-</b>	<b>191.5</b>	<b>1,122.7</b>	<b>5,400.5</b>	<b>1,704.6</b>	<b>1,778.6</b>	<b>451.5</b>	<b>363.0</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,839.1	-	131.0	680.2	3,298.4	1,117.3	1,012.4	333.2	266.5
Dry holes.....	..do.....	788.6	-	21.5	76.4	371.4	127.4	129.2	39.9	22.8
Oil wells.....	..do.....	2,240.5	-	53.5	205.4	1,130.0	358.2	230.6	178.8	84.0
Gas wells.....	..do.....	2,825.7	-	45.1	289.6	1,283.5	485.0	483.1	89.5	149.8
Work-in-progress adjustment..	..do.....	984.3	-	10.9	108.8	513.5	146.7	169.6	25.0	9.8
Lease equipment <sup>3</sup> .....	..do.....	2,176.2	-	27.7	211.2	1,067.0	282.9	472.2	78.1	37.2
Lease and land acquisitions of producing acreage.....	..do.....	450.1	-	8.1	59.1	125.2	72.6	155.9	8.7	20.5
Fluid injection and improved recovery programs.....	..do.....	639.3	-	(D)	57.3	414.8	125.9	30.0	(D)	(D)
Other development expenditures, including direct overhead.....	..do.....	467.5	-	13.9	82.4	243.8	66.1	50.6	8.4	2.3
General and administrative overhead not reported elsewhere.....	..do.....	440.2	-	(D)	32.5	251.2	39.7	57.4	(D)	(D)
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>10,010.9</b>	<b>303.5</b>	<b>592.2</b>	<b>1,412.7</b>	<b>5,665.9</b>	<b>1,009.1</b>	<b>801.6</b>	<b>141.9</b>	<b>84.0</b>
Direct operating expenditures..	..do.....	6,166.5	184.6	366.7	935.0	3,393.6	694.7	438.9	102.2	50.8
Operating and maintenance.....	..do.....	4,889.3	161.9	311.2	675.9	2,641.1	624.8	352.0	84.6	37.8
Well workovers.....	..do.....	779.2	15.1	40.1	137.0	455.3	62.6	48.4	11.5	9.2
Other direct expenses.....	..do.....	498.0	7.7	15.4	122.0	297.2	7.4	38.5	6.0	3.7
Indirect operating expenditures	..do.....	3,844.4	118.9	225.5	477.7	2,272.2	314.4	362.7	39.8	33.2
Taxes (excluding income taxes)	..do.....	2,380.2	29.1	102.5	312.1	1,402.8	213.5	283.8	19.4	17.1
General and administrative overhead.....	..do.....	1,070.5	69.9	112.8	114.5	593.3	94.6	52.1	20.4	16.2
Other indirect expenses.....	..do.....	393.7	19.8	10.2	51.2	276.2	6.3	26.8		

See footnotes at end of table.

**Table 12. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	31.9	221.7	346.0	1,187.5	254.5	140.8	24.6	8.2
Number of wells.....	Number.....	5,013	430	911	761	1,691	578	471	96	75
Total footage drilled.....	Thou. ft....	31,464	1,826	5,718	5,795	10,876	3,441	3,139	403	266
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	24.6	68.9	61.0	202.5	41.9	38.5	24.1	
Number of wells.....	Number.....	2,046	268	349	184	872	158	101	114	
Total footage drilled.....	Thou. ft....	9,877	1,028	1,852	1,301	3,543	1,057	688	408	
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	41.6	204.9	173.6	351.4	223.0	110.9	14.0	
Number of wells.....	Number.....	1,969	247	566	260	405	212	234	44	
Total footage drilled.....	Thou. ft....	13,661	1,236	3,968	2,012	2,922	1,660	1,545	318	
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	-	21.5	76.4	371.4	127.4	129.2	39.9	22.8
Number of wells.....	Number.....	4,463	-	203	260	1,618	873	824	478	207
Total footage drilled.....	Thou. ft....	22,898	-	945	1,835	8,437	2,889	5,986	1,979	827
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	-	53.5	205.4	1,130.0	358.2	230.6	178.8	84.0
Number of wells.....	Number.....	10,385	-	545	973	4,387	1,459	981	1,299	740
Total footage drilled.....	Thou. ft....	46,492	-	1,929	4,638	19,531	7,204	5,944	4,733	2,513
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	-	45.1	289.6	1,283.5	485.0	483.1	89.5	149.8
Number of wells.....	Number.....	7,033	-	295	590	2,175	1,020	1,209	518	1,227
Total footage drilled.....	Thou. ft....	42,318	-	1,236	4,480	15,273	6,047	8,119	2,400	4,763
Expenditures for platforms.....	Mil. dol....	750.5	-	25.0	102.4	312.9	148.1	118.0	44.1	
Drilling platforms <sup>2</sup> .....	..do.....	475.6	-	25.0	102.4	222.6	102.8	118.0	33.0	
Production platforms <sup>3</sup> .....	..do.....	274.9	-			90.2	45.3		11.2	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	94,779.4	1,597.9	3,519.3	12,453.0	50,705.9	13,526.9	7,961.8	4,142.2	872.5
Oil and gas field properties.....	..do.....	92,769.8	1,457.5	3,367.5	12,199.3	49,880.8	13,108.3	7,802.2	4,103.2	851.0
Buildings, other structures, and machinery.....	..do.....	2,009.6	140.4	151.8	253.6	825.1	418.6	159.6	39.0	21.5
Capitalized expenditures.....	..do.....	17,190.9	(D)	940.6	2,760.8	8,074.2	2,364.6	2,111.6	473.2	(D)
Oil and gas field properties.....	..do.....	16,589.8	(D)	908.9	2,698.9	7,803.6	2,256.5	2,056.9	460.6	(D)
Buildings, other structures, and machinery.....	..do.....	600.9	44.7	31.6	61.9	270.6	108.1	54.7	12.6	16.8
Retirement and dispositions.....	..do.....	5,863.1	(D)	222.6	1,145.6	3,219.1	733.0	357.0	100.9	(D)
Oil and gas field properties.....	..do.....	5,733.2	(D)	216.0	1,111.4	3,147.2	727.2	350.5	99.3	(D)
Buildings, other structures, and machinery.....	..do.....	129.9	2.6	6.6	34.2	71.9	5.8	6.6	1.6	0.7
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	1,791.2	4,237.4	14,068.2	55,561.0	15,158.5	9,716.3	4,514.6	1,060.1
Oil and gas field properties.....	..do.....	103,626.5	1,608.7	4,060.6	13,786.9	54,537.1	14,637.6	9,508.6	4,464.5	1,022.4
Buildings, other structures, and machinery.....	..do.....	2,480.7	182.5	176.8	281.3	1,023.9	520.9	207.7	50.0	37.7
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1978.....	..do.....	6,814.9	99.1	219.3	1,067.8	3,592.8	948.9	651.6	175.2	60.2
Oil and gas field properties.....	..do.....	6,644.7	86.0	211.5	1,042.0	3,527.6	914.0	636.0	170.9	56.8
Buildings, other structures, and machinery.....	..do.....	170.3	13.2	7.8	25.8	65.2	34.9	15.7	4.4	3.5
Accumulated cost, end of 1978.....	..do.....	44,191.6	860.1	1,516.4	6,539.4	24,625.3	6,602.9	3,057.4	770.9	219.3
Oil and gas field properties.....	..do.....	43,154.1	786.0	1,454.6	6,412.7	24,204.5	6,358.0	2,975.5	751.5	211.3
Buildings, other structures, and machinery.....	..do.....	1,037.5	74.2	61.8	126.6	420.8	244.9	81.8	19.4	8.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 13. Detailed Statistics Grouped by the Ratio of Total Production Expenditures  
to Total Expenditures: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,555.4	35.8	259.0	114.1	541.8	788.6	453.1	234.9	128.3
From stripper well leases.....	..do.....	320.3	4.7	30.6	21.1	68.2	54.8	44.2	30.1	66.6
Lease condensate.....	..do.....	114.9	6.0	26.4	11.2	24.1	23.0	10.3	13.0	0.9
Natural gas.....	Bil. cu. ft.	15,192.0	905.8	2,617.1	937.0	3,349.1	3,739.9	1,356.2	2,286.8	
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	38,400.8	1,527.3	5,945.1	2,204.4	8,019.2	10,831.6	4,621.8	3,591.3	1,660.1
Crude petroleum.....	..do.....	22,164.8	388.3	2,671.4	1,106.8	4,832.1	6,685.9	3,154.1	2,070.1	1,256.3
Lease condensate.....	..do.....	21,041.4	329.0	2,415.3	989.2	4,590.3	6,460.4	3,058.6	2,070.1	1,256.3
Natural gas.....	..do.....	1,123.4	59.2	256.1	117.6	241.8	225.5	95.4		
Income from oil and gas royalties	..do.....	14,953.6	1,081.1	2,960.1	1,026.0	2,955.7	3,889.8	1,334.7	1,375.3	330.9
Other lease revenues from producing operations.....	..do.....	1,039.6	30.8	283.3	71.5	190.6	228.0	84.7	145.8	73.0
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	30,474.9	2,815.1	5,400.4	2,158.7	6,256.9	7,192.9	3,542.3	2,265.4	843.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	1,369.6	2,255.8	681.6	1,856.5	2,139.5	760.2	340.0	48.4
Dry holes.....	..do.....	4,137.7	767.2	1,054.0	349.9	633.8	883.4	293.9	123.1	32.4
Oil wells.....	..do.....	2,215.2	364.3	454.1	203.7	372.1	617.3	120.1	64.2	19.4
Gas wells.....	..do.....	461.5	44.8	129.9	43.8	57.7	125.0	31.7	23.0	5.6
Work-in-progress adjustment..	..do.....	1,119.4	265.1	269.7	121.3	215.6	128.4	87.3	23.7	8.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	92.8	200.3	-18.9	-11.6	12.7	54.8	12.2	-0.7
Land department leasing and scouting.....	..do.....	2,912.3	409.8	779.3	156.8	685.3	563.9	246.6	65.4	5.1
Geological and geophysical.....	..do.....	163.6	15.0	24.7	16.5	38.9	32.2	21.2	14.5	0.6
Lease rents.....	..do.....	1,045.9	57.4	200.9	83.8	268.2	295.8	77.0	(D)	(D)
Test hole contributions.....	..do.....	285.3	29.7	68.2	25.9	68.3	59.8	20.5	16.1	4.7
Other exploration expenditures, including direct overhead.....	..do.....	24.5	0.8	1.7	0.6		11.7	1.3	0.5	
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	47.3	44.7	35.2	84.7	119.5	49.1	(D)	(D)
Development expenditures.....	..do.....	488.9	42.5	82.5	12.8	77.3	173.1	50.6	47.4	2.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	1,216.6	2,100.0	897.5	2,326.3	2,388.0	1,253.9	695.8	134.5
Dry holes.....	..do.....	6,839.1	861.4	1,471.2	596.5	1,478.1	1,401.2	565.3	383.2	82.2
Oil wells.....	..do.....	788.6	136.3	158.1	70.2	145.9	129.9	66.0	64.5	17.8
Gas wells.....	..do.....	2,240.5	194.9	448.2	155.2	444.9	607.2	199.2	136.6	54.3
Work-in-progress adjustment..	..do.....	2,825.7	435.3	626.5	280.8	586.8	524.2	197.7	174.5	
Lease equipment <sup>3</sup> .....	..do.....	984.3	94.9	238.5	90.3	300.6	139.9	102.4	17.7	
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	202.7	337.0	118.6	367.8	615.8	381.9	127.7	24.8
Fluid injection and improved recovery programs.....	..do.....	450.1	66.0	146.3	51.5	80.6	13.8	71.6	11.5	8.7
Other development expenditures, including direct overhead.....	..do.....	639.3		29.6	58.7	194.3	145.5	125.5		10.8
General and administrative overhead not reported elsewhere.....	..do.....	467.5	86.6	43.3	28.7	134.5	84.7	51.4	173.4	4.5
Production expenditures.....	..do.....	440.2		72.5	43.5	71.0	126.8	58.1		3.4
Direct operating expenditures..	..do.....	10,010.9	228.8	1,044.6	579.6	2,074.1	2,665.4	1,528.3	1,229.7	660.4
Operating and maintenance....	..do.....	6,166.5	139.2	669.3	358.0	1,447.9	1,503.1	880.6	743.7	424.6
Well workovers.....	..do.....	4,889.3	111.3	530.1	312.6	1,176.1	1,073.9	781.3	531.2	372.9
Other direct expenses.....	..do.....	779.2	24.2	107.6	37.6	148.8	203.6	78.3	147.6	31.6
Indirect operating expenditures	..do.....	498.0	3.7	31.7	7.8	123.0	225.7	21.1	64.9	20.2
Taxes (excluding income taxes)	..do.....	3,844.4	89.6	375.3	221.6	626.2	1,162.3	647.7	486.0	235.7
General and administrative overhead.....	..do.....	2,380.2	55.5	271.1	126.3	459.5	723.8	403.6	257.2	83.3
Other indirect expenses.....	..do.....	1,070.5	34.1	97.3	95.3	147.3	252.4	136.6	198.9	124.9
	..do.....	393.7		6.9		19.4	186.1	107.5	29.9	27.6

See footnotes at end of table.

**Table 13. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	364.3	454.1	203.7	372.1	617.3	120.1	64.2	19.4
Number of wells.....	Number.....	5,013	878	1,133	511	943	770	441	116	220
Total footage drilled.....	Thou. ft....	31,464	5,385	8,366	3,163	5,046	5,134	2,597	748	1,025
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	44.8	129.9	43.8	57.7	125.0	31.7	23.0	5.6
Number of wells.....	Number.....	2,046	160	297	391	472	252	284	136	55
Total footage drilled.....	Thou. ft....	9,877	1,124	2,196	1,158	2,035	1,518	980	641	225
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	265.1	269.7	121.3	215.6	128.4	87.3	23.7	8.2
Number of wells.....	Number.....	1,969	344	452	166	272	274	216	151	94
Total footage drilled.....	Thou. ft....	13,661	2,440	3,364	1,376	1,991	2,318	1,064	640	468
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	136.3	158.1	70.2	145.9	129.9	66.0	64.5	17.8
Number of wells.....	Number.....	4,463	696	760	456	558	390	590	617	395
Total footage drilled.....	Thou. ft....	22,898	3,425	4,246	2,278	3,231	2,295	3,615	2,121	1,687
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	194.9	448.2	155.2	444.9	607.2	199.2	136.6	54.3
Number of wells.....	Number.....	10,382	514	1,861	1,266	1,879	1,737	1,302	802	1,021
Total footage drilled.....	Thou. ft....	46,492	3,625	9,387	4,908	8,574	8,550	4,570	3,964	2,914
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	435.3	626.5	280.8	586.8	524.2	197.7	164.2	10.3
Number of wells.....	Number.....	7,033	1,275	1,590	1,085	1,024	911	598	215	336
Total footage drilled.....	Thou. ft....	42,318	7,060	9,597	5,902	7,470	5,875	3,007	1,669	1,738
Expenditures for platforms.....	Mil. dol....	750.5	154.9	179.5	(D)	156.2	135.6	39.9	(D)	-
Drilling platforms <sup>2</sup> .....	..do.....	475.6	106.6	63.8	(D)	140.4	91.1	28.8	(D)	-
Production platforms <sup>3</sup> .....	..do.....	274.9	48.3	115.8	27.3	15.8	44.5	11.1	12.1	-
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	94,779.4	6,401.7	16,238.2	5,739.5	22,071.1	23,485.5	9,826.6	8,734.1	2,282.5
Oil and gas field properties.....	..do.....	92,769.8	6,322.5	15,954.4	5,644.7	21,522.2	22,969.5	9,649.1	8,607.1	2,100.3
Buildings, other structures, and machinery.....	..do.....	2,009.6	79.3	283.8	94.8	549.0	516.1	177.6	127.0	182.2
Capitalized expenditures.....	..do.....	17,190.9	2,330.4	3,729.1	1,080.0	3,798.8	3,194.4	1,624.9	1,173.9	259.4
Oil and gas field properties.....	..do.....	16,589.8	2,295.9	3,652.1	1,046.7	3,664.0	3,086.4	1,624.9	1,173.9	215.1
Buildings, other structures, and machinery.....	..do.....	600.9	34.3	77.0	33.4	134.8	107.9			44.3
Retirement and dispositions.....	..do.....	5,863.1	421.1	964.7	222.9	1,708.1	1,104.2	1,336.9		105.3
Oil and gas properties.....	..do.....	5,733.2	416.7	950.4	218.2	1,690.5	1,073.3	1,281.9		102.4
Buildings, other structures, and machinery.....	..do.....	129.9	4.3	14.3	4.7	17.6	30.9	55.1		2.9
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	8,311.1	19,002.6	6,596.7	24,161.9	25,575.7	11,060.5	8,962.1	2,436.7
Oil and gas field properties.....	..do.....	103,626.5	8,201.8	18,656.1	6,473.2	23,495.7	24,982.6	10,801.0	8,803.0	2,213.0
Buildings, other structures, and machinery.....	..do.....	2,480.7	109.3	346.5	123.5	666.2	593.0	259.5	159.1	223.7
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1978.....	..do.....	6,814.9	438.2	1,110.8	430.5	1,743.7	1,595.8	715.6	780.3	
Oil and gas field properties.....	..do.....	6,644.7	430.4	1,087.9	415.7	1,700.4	1,563.1	696.0	751.0	
Buildings, other structures, and machinery.....	..do.....	170.3	7.8	22.9	14.8	43.3	32.8	19.6	29.2	
Accumulated cost, end of 1978.....	..do.....	44,191.6	1,789.2	5,984.4	2,545.1	12,128.0	12,107.4	4,544.3	3,889.1	1,204.1
Oil and gas field properties.....	..do.....	43,154.1	1,763.9	5,846.1	2,484.4	11,808.0	11,861.2	4,459.7	3,822.4	1,108.5
Buildings, other structures, and machinery.....	..do.....	1,037.5	25.3	138.3	60.7	320.0	246.2	84.6	66.7	95.7

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 14. Detailed Statistics Grouped by Oil Lease Specialization Ratios: 1978

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	2,555.4	49.0	68.8	91.6	451.6	425.4	591.9	292.2	70.8	514.0
From stripper well leases.....	..do.....	320.3	6.5	6.5	7.6	35.7	61.5	54.6	29.0	11.5	107.4
Lease condensate.....	..do.....	114.9	2.5	14.8	18.8	21.7	20.3	23.6	9.1	2.3	1.7
Natural gas.....	Bill. cu. ft.	15,192.0	433.7	1,914.9	1,320.0	3,595.1	2,868.5	3,291.0	990.1	260.3	518.4
Lease revenues.....											
Crude petroleum and condensate...	Mil. dol....	38,400.8	1,052.3	3,177.0	2,427.1	7,570.2	6,581.6	8,413.9	3,491.5	991.3	4,696.0
Crude petroleum.....	..do.....	22,164.8	527.7	681.6	871.6	3,900.4	3,685.3	5,301.4	2,427.8	706.3	4,062.8
Lease condensate.....	..do.....	21,041.4	509.2	530.4	688.3	3,680.4	3,501.5	5,055.9	2,343.0	684.0	4,048.7
Natural gas.....	..do.....	1,123.4	18.4	151.1	183.4	220.0	183.9	245.5	84.8	22.3	14.0
Income from oil and gas royalties	..do.....	14,953.6	426.4	2,370.6	1,397.5	3,560.4	2,675.0	2,858.8	951.8	241.2	472.0
Other lease revenues from producing operations.....	..do.....	1,039.6	87.4	94.9	136.3	109.4	221.3	216.2	90.8	39.4	128.3
		242.8	10.9	30.0	21.6			37.4	21.1	4.5	32.9
Expenditures (capitalized and expensed).....											
Exploration expenditures.....	..do.....	30,474.9	802.6	3,324.5	2,520.9	5,019.7	5,088.0	6,802.7	3,059.5	773.1	3,083.8
Drilling and equipping wells <sup>2 3</sup>	..do.....	9,451.6	284.7	1,419.7	1,009.1	1,518.0	1,479.5	2,027.6	854.3	252.3	606.3
Dry holes.....	..do.....	4,137.7	168.9	728.8	443.8	675.3	538.5	791.0	333.9	141.3	316.2
Oil wells.....	..do.....	2,215.2	58.4	338.6	177.9	366.5	335.3	442.0	290.7	63.1	142.7
Gas wells.....	..do.....	461.5	16.0	36.7	39.0	93.1	39.6	68.9	42.2	32.2	93.7
Work-in-progress adjustment.....	..do.....	1,119.4	34.7	298.5	98.8	185.7	123.3	229.0	59.1	36.1	54.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	59.8	55.2	128.0	30.0	40.1	51.1	-58.2	10.0	25.6
Land department leasing and scouting.....	..do.....	2,912.3	48.2	443.5	397.1	466.0	542.3	591.7	244.7	53.6	125.1
Geological and geophysical.....	..do.....	163.6	3.5	30.0	4.5	32.4	29.1	32.9	16.5	2.0	12.8
Lease rents.....	..do.....	1,045.9	(D)	85.3	82.6	184.5	172.0	285.7	145.3	(D)	47.0
Test hole contributions.....	..do.....	285.3	14.2	41.8	19.6	35.6	49.2	74.9	18.4	7.9	23.8
Other exploration expenditures, including direct overhead.....	..do.....	24.5	(D)	0.9	0.5	2.6	1.5	9.9	0.9	(D)	0.8
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	9.9	28.1	28.6	59.4	84.0	116.3	9.2	14.7	43.4
Development expenditures.....	..do.....	488.9	14.0	61.3	32.6	62.3	63.1	125.3	85.3	7.8	37.2
Drilling and equipping wells <sup>2 3</sup>	..do.....	11,012.4	287.1	1,273.8	1,037.8	1,644.3	1,730.0	2,565.6	1,125.7	236.7	1,111.4
Dry holes.....	..do.....	6,839.1	202.3	966.7	646.1	970.3	1,069.6	1,643.5	624.2	135.8	580.5
Oil wells.....	..do.....	788.6	23.5	142.5	55.1	103.7	133.6	155.6	87.7	19.5	67.4
Gas wells.....	..do.....	2,240.5	61.5	146.3	148.6	326.6	294.4	536.2	312.6	69.0	345.4
Work-in-progress adjustment.....	..do.....	2,825.7	83.9	564.1	283.1	485.6	458.5	639.8	188.1	41.1	81.5
Lease equipment <sup>4</sup> .....	..do.....	984.3	33.3	113.9	159.3	54.5	183.2	311.9	35.8	6.3	86.2
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	61.7	161.2	147.0	353.9	303.4	486.1	260.1	55.9	346.9
Fluid injection and improved recovery programs.....	..do.....	450.1	4.2	45.0	155.0	31.1	102.3	64.0	13.3	11.1	24.1
Other development expenditures, including direct overhead.....	..do.....	639.3	11.5	13.3	12.3	220.2	105.2	187.5	130.6	15.6	78.3
General and administrative overhead not reported elsewhere.....	..do.....	467.5		39.5	18.1		88.0	133.2		9.0	44.2
Production expenditures.....	..do.....	440.2	7.4	48.1	59.1	68.8	61.5	51.3	97.3	9.3	37.4
Direct operating expenditures.....	..do.....	10,010.9	230.9	631.0	474.0	1,857.3	1,878.5	2,209.5	1,079.6	284.1	1,366.0
Operating and maintenance.....	..do.....	6,166.5	136.6	356.5	296.6	1,005.4	1,207.5	1,466.7	668.1	183.3	845.8
Well workovers.....	..do.....	4,889.3	108.9	272.0	236.0	720.7	940.3	1,189.3	561.3	160.2	700.5
Other direct expenses.....	..do.....	779.2	20.1	61.3	60.5	284.7	128.7	277.3	106.7	18.6	73.2
Indirect operating expenditures	..do.....	498.0	7.7	23.2		138.5			4.5	72.1	
Taxes (excluding income taxes)	..do.....	3,844.4	94.3	274.5	177.5	851.9	671.0	742.8	411.5	100.7	520.2
General and administrative overhead.....	..do.....	2,380.2	47.3	169.4	115.6	505.3	413.2	488.6	255.8	61.4	323.5
Other indirect expenses.....	..do.....	1,070.5	32.9	78.8	58.7	346.7	257.8	254.2	139.3	29.8	151.6
		393.7	14.1	26.2	3.2				16.4	9.6	45.0

See footnotes at end of table.

Table 14. Detailed Statistics Grouped by Oil Lease Specialization Ratios: 1978—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Drilling statistics:											
Exploration dry holes:											
Expenditures.....	Mil. dol....	2,215.2	58.4	338.6	177.9	366.5	335.3	442.0	290.7	63.1	142.7
Number of wells.....	Number.....	5,013	361	795	311	543	379	558	298	255	1,515
Total footage drilled.....	Thou. ft....	31,464	2,168	5,557	2,518	3,334	3,220	4,517	2,031	1,697	6,422
Exploration oil wells:											
Expenditures.....	Mil. dol....	461.5	16.0	36.7	39.0	93.1	39.7	68.9	42.2	32.2	93.7
Number of wells.....	Number.....	2,046	121	101	103	206	90	118	108	88	1,112
Total footage drilled.....	Thou. ft....	9,877	598	621	624	1,073	691	913	669	716	3,972
Exploration gas wells:											
Expenditures.....	Mil. dol....	1,119.4	34.7	298.5	98.8	185.7	123.3	229.0	59.1	36.1	54.2
Number of wells.....	Number.....	1,969	145	413	238	218	203	175	73	175	329
Total footage drilled.....	Thou. ft....	13,661	858	2,879	2,061	1,847	1,478	1,585	724	785	1,444
Development dry holes:											
Expenditures.....	Mil. dol....	788.6	23.5	142.5	55.1	103.7	133.6	155.6	87.7	19.5	67.4
Number of wells.....	Number.....	4,463	407	917	170	334	341	349	602	107	1,235
Total footage drilled.....	Thou. ft....	22,898	1,320	5,715	1,008	2,194	2,401	2,390	2,689	643	4,538
Development oil wells:											
Expenditures.....	Mil. dol....	2,240.5	61.5	146.3	148.6	326.6	294.4	536.2	312.6	69.0	345.4
Number of wells.....	Number.....	10,382	363	563	422	982	972	1,700	1,712	282	3,386
Total footage drilled.....	Thou. ft....	46,492	2,124	3,125	2,269	5,805	4,815	9,018	6,814	1,555	10,967
Development gas wells:											
Expenditures.....	Mil. dol....	2,825.7	83.9	564.1	283.1	485.6	458.5	639.8	188.1	41.1	81.5
Number of wells.....	Number.....	7,033	489	1,912	986	744	801	898	378	170	656
Total footage drilled.....	Thou. ft....	42,318	2,395	9,559	5,453	5,812	5,686	6,808	2,543	1,025	3,037
Expenditures for platforms.....	Mil. dol....	750.5	22.8	120.0	77.4	122.7	89.7	233.5	68.4		16.2
Drilling platforms <sup>3</sup> .....	..do.....	475.6	22.8	67.3	26.1	85.9	53.3	179.0	33.3		11.2
Production platforms <sup>4</sup> .....	..do.....	274.9		52.6	51.3	36.8	36.4	54.5	34.9		5.0
Gross book value of fixed assets (beginning of year) <sup>5</sup> .....	..do.....	94,779.4	2,381.7	9,522.8	5,419.2	17,003.7	16,481.5	22,644.3	8,978.6	2,490.6	9,857.0
Oil and gas field properties.....	..do.....	92,769.8	2,283.3	9,388.7	5,298.3	16,741.0	16,296.7	22,047.5	8,723.5	2,423.6	9,567.3
Buildings, other structures, and machinery.....	..do.....	2,009.6	98.4	134.1	121.0	262.7	184.8	596.8	255.1	67.0	289.8
Capitalized expenditures.....	..do.....	17,190.9	499.4	2,426.0	1,626.9	2,879.9	2,387.6	4,085.0	1,529.3	404.4	1,352.3
Oil and gas field properties.....	..do.....	16,589.8	469.3	2,398.5	1,626.9	2,879.9	2,325.7	3,931.1	1,476.4	393.8	1,268.1
Buildings, other structures, and machinery.....	..do.....	600.9	30.2	27.5			61.9	153.9	52.9	10.7	84.1
Retirement and dispositions.....	..do.....	5,863.1	126.4	713.7	306.2	1,449.3	885.0	1,429.8	606.8	71.4	274.6
Oil and gas field properties.....	..do.....	5,733.2	124.3	706.6			870.5	1,412.8	603.3	69.8	250.2
Buildings, other structures, and machinery.....	..do.....	129.9	2.1	7.0	306.2	1,449.3	14.5	17.0	3.5	1.6	24.3
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	2,754.7	11,235.2	6,739.9	18,434.3	17,984.1	25,299.4	9,901.1	2,823.6	10,934.8
Oil and gas field properties.....	..do.....	103,626.5	2,628.3	11,080.5	6,590.0	18,080.6	17,751.9	24,565.7	9,596.6	2,747.6	10,585.2
Buildings, other structures, and machinery.....	..do.....	2,480.7	126.4	154.7	149.9	353.7	232.2	733.7	304.5	76.1	349.6
Depletion, depreciation, and amortization of fixed assets:											
Cost during 1978.....	..do.....	6,814.9	183.2	765.9	355.5	1,213.7	1,034.2	1,843.4	656.5	210.9	551.5
Oil and gas field properties.....	..do.....	6,644.7		755.2	343.3	1,185.5		1,790.8	634.1	206.2	527.5
Buildings, other structures, and machinery.....	..do.....	170.3	183.2	10.7	12.3	28.3	1,034.2	52.6	22.4	4.8	24.0
Accumulated cost, end of 1978....	..do.....	44,191.6	914.1	3,918.3	2,191.8	7,148.1	8,716.3	12,097.5	4,305.1	1,633.3	3,267.1
Oil and gas field properties.....	..do.....	43,154.1	868.5	3,853.3	2,128.8	6,984.8	8,623.7	11,753.5	4,203.2	1,600.3	3,137.9
Buildings, other structures, and machinery.....	..do.....	1,037.5	45.6	65.0	63.0	163.3	92.5	344.0	101.9	33.1	129.2

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Oil lease specialization ratios were derived by dividing the sum of total liquid and gas revenues from oil leases by the sum of total liquid and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>5</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 15. Detailed Statistics Grouped by Gas Lease Specialization Ratios: 1978

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>											
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over			
Sales volumes:														
Crude petroleum and condensate...	Mil. bbl....	2,555.4	157.6	832.1	1,159.9	183.3	75.2	48.7	39.6	37.1	21.9			
From stripper well leases.....	..do.....	320.3	55.1	91.0	110.6	27.1	9.5	11.2	10.3	3.3	2.2			
Lease condensate.....	..do.....	114.9	1.5	20.1	42.6	10.7	7.7	7.1	3.9	12.1	9.1			
Natural gas.....	Bil. cu. ft.	15,192.0	358.8	2,554.7	6,383.5	1,483.4	931.9	563.0	734.7	824.3	1,357.6			
Lease revenues:														
Crude petroleum and condensate...	Mil. dol....	38,400.8	2,287.5	8,858.5	16,583.5	2,885.9	1,963.9	1,174.5	1,418.0	1,229.2	1,999.8			
Crude petroleum and condensate...	..do.....	22,164.8	1,766.8	6,472.1	10,087.0	1,567.5	788.9	460.5	435.2	358.6	228.4			
Crude petroleum.....	..do.....	21,041.4	1,757.4	6,296.4	9,661.8	1,459.0	707.8	395.7	393.4	235.7	134.2			
Lease condensate.....	..do.....	1,123.4	9.3	175.7	425.1	108.5	81.1	64.8	41.8	123.0	94.2			
Natural gas.....	..do.....	14,953.6	387.8	2,149.1	6,152.2	1,143.7	1,030.0	635.6	912.1	839.5	1,703.6			
Income from oil and gas royalties	..do.....	1,039.6	119.0	188.5	294.6	174.7	137.8	76.1	36.1	31.1	54.5			
Other lease revenues from producing operations.....	..do.....	242.8	14.0	48.8	49.7									
						7.2		2.2		34.6				
										13.3				
Expenditures (capitalized and expensed):														
Exploration expenditures.....	..do.....	30,474.9	1,230.6	6,617.9	12,193.0	2,352.3	1,864.7	1,095.8	1,683.4	1,518.0	1,919.1			
Drilling and equipping wells <sup>2,3</sup>	..do.....	9,451.6	320.4	1,609.5	3,539.4	661.6	803.2	426.5	734.0	549.7	807.4			
Dry holes.....	..do.....	4,137.7	200.4	725.7	1,238.6	282.8	333.0	207.2	403.2	304.0	442.7			
Oil wells.....	..do.....	2,215.2	84.2	475.8	713.0	195.5	131.2	93.3	194.1	129.8	198.4			
Gas wells.....	..do.....	461.5	56.6	109.0	133.5	33.1	35.1	20.3	42.1	13.1	18.7			
Work-in-progress adjustment.....	..do.....	1,119.4	56.5	101.8	299.1	63.1	100.1	63.6	154.1	97.5	183.7			
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	3.1	39.2	93.0	-8.9	66.7	30.0	13.0	63.6	41.9			
Land department leasing and scouting.....	..do.....	2,912.3	56.7	363.5	1,267.0	169.9	349.8	140.3	204.7	128.8	231.6			
Geological and geophysical.....	..do.....	163.6	4.6	34.7	54.9	18.6	11.4	8.9	11.1	3.8	15.6			
Lease rents.....	..do.....	1,045.9	28.1	212.0	485.4	93.8	48.0	15.1	52.1	61.7	49.8			
Test hole contributions.....	..do.....	285.3	10.4	52.7	101.9	29.8	19.1	12.9	16.6	15.0	27.3			
Other exploration expenditures, including direct overhead.....	..do.....	24.5	0.4	8.9	11.4	1.4	0.9	0.6	0.6					
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	4.2	65.7	195.6	41.4	21.7	10.6	25.1	9.1	19.9			
Development expenditures.....	..do.....	488.9	15.7	146.3	184.5	23.9	19.4	30.8	20.4	27.3	20.6			
Drilling and equipping wells <sup>2,3</sup>	..do.....	11,012.4	411.5	2,320.4	4,265.0	905.0	712.5	348.0	630.9	712.5	706.6			
Dry holes.....	..do.....	6,839.1	293.4	1,199.5	2,560.0	631.1	505.2	232.4	457.4	410.5	549.8			
Oil wells.....	..do.....	788.6	36.6	134.9	242.1	86.7	44.9	34.5	72.9	40.8	95.1			
Gas wells.....	..do.....	2,240.5	161.2	567.0	909.9	194.4	126.5	51.5	132.1	62.1	35.9			
Work-in-progress adjustment.....	..do.....	2,825.7	72.0	314.0	989.5	267.7	190.1	136.3	235.2	243.3	377.7			
Lease equipment <sup>4</sup> .....	..do.....	984.3	23.7	183.6	418.4	82.3	143.7	10.1	17.1	64.3	41.1			
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	81.3	631.3	844.5	153.4	142.1	44.1	95.0	88.8	95.9			
Fluid injection and improved recovery programs.....	..do.....	450.1	13.8	28.5	130.0	31.7	40.3	39.7	35.4	157.5	30.0			
Other development expenditures, including direct overhead.....	..do.....	639.3	7.5	183.9	377.5	32.7								
General and administrative overhead not reported elsewhere.....	..do.....	467.5	7.3	126.0	224.1	33.1	9.4		16.1		16.6			
Production expenditures.....	..do.....	440.2	8.2	151.3	129.1	23.1	24.8	11.8	23.3	55.8		12.7		
Direct operating expenditures.....	..do.....	10,010.9	498.8	2,688.0	4,388.7	785.7	349.1	321.4	318.5	255.8	405.0			
Operating and maintenance.....	..do.....	6,166.5	341.9	1,590.8	2,788.1	493.7	222.3	187.3	166.4	158.0	218.0			
Well workovers.....	..do.....	4,889.3	251.5	1,296.8	2,174.6	396.1	187.1	158.7	139.6	117.5	167.3			
Other direct expenses.....	..do.....	779.2	51.9	188.3	349.7	97.7	35.2	17.0	24.9	23.4	35.6			
Indirect operating expenditures.....	..do.....	498.0	38.5	105.7	263.8									
Taxes (excluding income taxes)	..do.....	3,644.4	156.9	1,097.2	1,600.6	292.0	126.8	134.1	152.1	97.8	187.0			
General and administrative overhead.....	..do.....	2,380.2	78.4	691.3	1,026.3	183.5	71.2	72.8	83.5	65.2	108.1			
Other indirect expenses.....	..do.....	1,070.5	63.2	366.1	299.8	108.5	53.5	53.1	68.6	32.6	55.1			
	..do.....	393.7	15.3	39.8	274.5									

See footnotes at end of table.



Table 15. Detailed Statistics Grouped by Gas Lease Specialization Ratios: 1978—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Drilling statistics:											
Exploration dry holes:											
Expenditures.....	Mil. dol....	2,215.2	84.2	475.8	713.0	195.5	131.2	93.3	194.1	129.8	198.4
Number of wells.....	Number.....	5,013	669	1,502	744	331	271	241	428	271	556
Total footage drilled.....	Thou. ft....	31,464	2,818	8,315	6,183	2,262	1,970	1,803	2,722	2,014	3,377
Exploration oil wells:											
Expenditures.....	Mil. dol....	461.5	56.6	109.0	133.5	33.1	35.1	20.3	42.1	13.1	18.7
Number of wells.....	Number.....	2,046	533	896	163	115	71	67	84	79	38
Total footage drilled.....	Thou. ft....	9,877	1,776	3,732	1,437	697	557	430	561	405	282
Exploration gas wells:											
Expenditures.....	Mil. dol....	1,119.4	56.5	101.8	299.1	63.1	100.1	63.6	154.1	97.5	183.7
Number of wells.....	Number.....	1,969	128	443	278	87	103	174	202	243	311
Total footage drilled.....	Thou. ft....	13,661	773	2,225	2,196	812	831	1,025	1,720	1,937	2,142
Development dry holes:											
Expenditures.....	Mil. dol....	788.6	36.6	134.9	242.1	86.7	44.9	34.5	72.9	40.8	95.1
Number of wells.....	Number.....	4,463	476	1,389	515	479	196	153	324	158	773
Total footage drilled.....	Thou. ft....	22,898	1,816	6,219	3,593	2,298	1,181	965	1,246	836	4,744
Development oil wells:											
Expenditures.....	Mil. dol....	2,240.5	161.2	567.0	909.9	194.4	126.5	51.5	132.1	62.1	35.9
Number of wells.....	Number.....	10,382	1,242	3,618	3,030	1,126	415	189	388	281	93
Total footage drilled.....	Thou. ft....	46,492	4,359	14,895	14,581	4,883	2,169	1,197	2,502	1,229	677
Development gas wells:											
Expenditures.....	Mil. dol....	2,825.7	72.0	314.0	989.5	267.7	190.1	136.3	235.2	243.3	377.7
Number of wells.....	Number.....	7,033	388	1,019	1,280	490	469	377	511	1,040	1,460
Total footage drilled.....	Thou. ft....	42,318	1,906	5,983	9,718	3,499	2,956	2,392	3,524	5,097	7,243
Expenditures for platforms.....	Mil. dol....	750.5	(D)	76.9	282.1	70.1	120.9	(D)	45.3	71.3	51.1
Drilling platforms <sup>3</sup> .....	..do.....	475.6	(D)	54.3	221.8	70.1	69.0	(D)	30.5	71.3	18.3
Production platforms <sup>4</sup> .....	..do.....	274.9	(D)	22.6	60.3	70.1	51.9	(D)	14.9	71.3	32.9
Gross book value of fixed assets (beginning of year) <sup>5</sup> .....	..do.....	94,779.4	5,073.8	20,553.0	39,877.9	8,453.4	5,414.9	2,599.9	4,708.6	2,620.0	5,477.9
Oil and gas field properties.....	..do.....	92,769.8	4,942.4	20,051.2	39,009.8	8,363.8	5,348.1	2,560.5	4,619.7	2,526.1	5,348.3
Buildings, other structures, and machinery.....	..do.....	2,009.6	131.4	501.8	868.1	89.5	66.8	39.4	89.0	93.9	129.6
Capitalized expenditures.....	..do.....	17,190.9	571.5	3,254.4	6,448.9	1,321.6	1,377.1	575.5	1,322.7	855.7	1,463.5
Oil and gas field properties.....	..do.....	16,589.8	571.5	3,071.1	6,202.3	1,303.4	1,346.1	563.5	1,288.4	855.7	1,433.3
Buildings, other structures, and machinery.....	..do.....	600.9	183.3	246.6	18.1	31.0	12.0	34.3		30.2	
Retirement and dispositions.....	..do.....	5,863.1	166.9	1,455.5	2,563.0	511.4	189.5	113.1	228.5	177.7	457.5
Oil and gas properties.....	..do.....	5,733.2	166.9	1,381.4	2,536.1	505.8	186.7	106.9	226.2	177.7	454.3
Buildings, other structures, and machinery.....	..do.....	129.9	74.1	26.9	5.7	2.8	6.2	2.4		3.1	
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	5,478.4	22,351.9	43,763.8	9,263.5	6,602.5	3,062.3	5,802.8	3,298.0	6,484.0
Oil and gas field properties.....	..do.....	103,626.5	5,331.5	21,740.8	42,676.0	9,161.5	6,507.5	3,017.1	5,681.9	3,182.9	6,327.3
Buildings, other structures, and machinery.....	..do.....	2,480.7	146.9	611.0	1,087.8	102.0	95.0	45.2	120.9	115.2	156.7
Depletion, depreciation, and amortization of fixed assets:											
Cost during 1978.....	..do.....	6,814.9	247.5	1,561.2	2,908.6	550.3	380.6	191.3	335.8	189.3	450.3
Oil and gas field properties.....	..do.....	6,644.7	237.6	1,511.6	2,845.1	543.2	373.2	187.7	327.8	180.1	438.3
Buildings, other structures, and machinery.....	..do.....	170.3	9.9	49.6	63.5	7.1	7.4	3.6	8.0	9.2	12.0
Accumulated cost, end of 1978.....	..do.....	44,191.6	1,460.1	8,729.6	21,221.0	4,544.9	2,318.5	1,153.2	1,683.9	1,090.6	1,989.7
Oil and gas field properties.....	..do.....	43,154.1	1,385.4	8,515.3	20,706.3	4,507.4	2,282.5	1,132.1	1,645.1	1,045.7	1,934.3
Buildings, other structures, and machinery.....	..do.....	1,037.5	74.7	214.2	514.7	37.5	36.0	21.2	38.8	44.9	55.4

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Gas lease specialization ratios were derived by dividing the sum of total liquids and gas revenues from gas leases by the sum of total liquids and gas revenues from all leases.<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping wells expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>5</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 16. Detailed Statistics by Lease Classification and Total Lease Revenues Rank:  
1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company ranked by total lease revenue				
			First 8 companies	9-16 companies	17-50 companies	51-200 companies	All other companies
OIL LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	1,999.9	903.0	513.8	273.8	118.2	191.1
From stripper well leases.....	..do.....	296.1	81.7	47.4	41.6	28.6	96.9
Natural gas.....	Bil. cu. ft..	1,445.8	680.4	241.5	240.1	124.4	159.4
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	16,953.2	7,561.8	3,564.3	2,556.0	1,198.5	2,072.6
Crude petroleum.....	..do.....	16,953.2	7,561.8	3,564.3	2,556.0	1,198.5	2,072.6
Natural gas.....	..do.....	1,339.0	580.5	231.2	221.6	126.7	179.0
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	1,180.1	435.8	57.2	154.2	231.1	301.8
Dry holes.....	..do.....	718.0	287.6	26.5	88.9	154.9	160.0
Oil.....	..do.....	397.8	106.1	19.3	60.1	74.6	137.7
Work-in-progress adjustment.....	..do.....	64.3	42.1	11.4	5.2	1.6	4.1
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	2,426.3	910.0	402.4	340.3	377.4	396.2
Dry holes.....	..do.....	263.6	71.3	17.2	26.4	50.9	97.8
Oil wells.....	..do.....	1,825.0	705.1	254.3	255.2	313.2	297.3
Work-in-progress adjustment.....	..do.....	337.7	133.5	130.9	58.7	13.4	1.2
Production expenditures:							
Direct operating expenditures.....	..do.....	3,939.6	1,721.7	857.2	506.3	280.3	574.0
Operating and maintenance.....	..do.....	3,199.9	1,300.6	768.7	439.9	231.2	459.5
Workovers.....	..do.....	400.2	197.1	62.8	44.3	34.4	61.6
Other direct expenses.....	..do.....	339.5	224.0	25.7	22.1	14.7	52.9
GAS LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	86.4	27.7	14.5	18.3	11.9	14.0
From stripper well leases.....	..do.....	1.0	0.1	0.2	0.4	(2)	0.2
Lease condensate.....	..do.....	85.5	27.3	14.4	18.0	11.9	13.8
Natural gas.....	Bil. cu. ft..	9,915.2	3,627.8	1,667.6	2,071.0	1,295.7	1,253.0
Lease revenues:							
Crude petroleum and condensate.....	Mil. doll....	858.9	276.9	144.0	183.7	116.2	138.1
Lease condensate.....	..do.....	858.8	276.9	144.0	183.6	116.2	138.0
Natural gas.....	..do.....	10,018.3	3,451.7	1,430.6	2,262.2	1,522.6	1,351.2
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	2,066.5	449.9	176.5	394.2	576.5	469.3
Dry holes.....	..do.....	908.5	261.5	83.6	157.1	253.7	152.6
Gas wells.....	..do.....	985.1	180.6	73.6	200.8	256.3	273.8
Work-in-progress adjustment.....	..do.....	172.9	7.7	19.3	36.4	66.6	42.9
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	3,005.1	860.5	339.1	767.6	608.5	429.3
Dry holes.....	..do.....	396.0	94.9	68.3	78.2	77.8	76.7
Gas.....	..do.....	2,311.7	676.0	231.8	558.5	510.8	334.6
Work-in-progress adjustment.....	..do.....	297.5	89.7	39.0	130.8	19.9	18.1
Production expenditures:							
Direct operating expenditures.....	..do.....	1,054.6	270.2	143.3	249.8	165.6	225.7
Operating and maintenance.....	..do.....	792.8	181.4	97.1	194.3	133.3	186.8
Workovers.....	..do.....	161.5	52.2	46.2	55.5	21.1	25.7
Other direct expenses.....	..do.....	100.3	36.6			11.2	13.2

See footnotes at end of table.

**Table 16. Detailed Statistics by Lease Classification and Total Lease Revenues Rank:  
1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company ranked by total lease revenue				
			First 8 companies	9-16 companies	17-50 companies	51-200 companies	All other companies
COMBINED LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	469.1	287.0	58.1	57.9	36.6	29.5
From stripper well leases.....	..do.....	23.3	8.0	2.9	2.3	3.4	6.7
Lease condensate.....	..do.....	29.4	15.7	3.4	5.1	2.1	3.1
Natural gas.....	Bil. cu. ft..	3,830.9	2,491.1	475.4	442.5	237.9	184.0
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	4,352.7	2,597.5	519.1	580.5	359.2	296.4
Crude petroleum.....	..do.....	4,088.2	2,445.2	487.5	533.7	338.3	283.5
Lease condensate.....	..do.....	264.6	152.3	31.7	46.8	20.9	12.9
Natural gas.....	..do.....	3,596.2	2,222.3	462.8	442.4	254.2	214.6
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	890.9	227.7	144.4	236.7	104.1	178.0
Dry holes.....	..do.....	588.5	243.8	81.7	134.5	63.1	65.5
Oil wells.....	..do.....	63.7	23.6		13.2	15.1	11.8
Gas wells.....	..do.....	134.2	27.0		44.2	12.0	50.9
Work-in-progress adjustment.....	..do.....	104.5	-54.9	50.9	44.7	14.0	49.9
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	1,407.7	576.6	223.0	358.7	151.4	98.2
Dry holes.....	..do.....	129.0	37.9	8.1	39.8	17.8	25.5
Oil wells.....	..do.....	415.5	210.6	25.3	85.0	62.2	32.4
Gas wells.....	..do.....	514.1	210.4	93.4	141.0	42.1	27.2
Work-in-progress adjustment.....	..do.....	349.1	117.6	96.2	92.9	29.4	13.1
Production expenditures:							
Direct operating expenditures.....	..do.....	1,172.3	695.6	135.6	154.9	111.9	74.3
Operating and maintenance.....	..do.....	896.5	504.5	116.4	124.6	88.0	63.0
Workovers.....	..do.....	217.5	191.0	19.2	25.1	14.9	8.3
Other direct expenses.....	..do.....	58.3			5.2	9.1	3.1

Note: Detailed figures may not add to totals because of independent rounding.

(2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>The detail of this table does not add to totals presented for these items in other net company interest tables since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

Table 17. Gross Operator Drilling Statistics for Oil, Gas, and Dry Wells: Companies Ranked by Crude Petroleum, Condensate, and Natural Gas Sales: 1978 and 1977

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
1978.....	32,928	189,573	5,757	11,164.1	339	58.89
Exploration.....	9,771	65,686	6,723	4,412.9	452	67.18
Companies:						
1 - 8.....	676	6,653	9,842	1,241.5	1,837	186.60
9 - 16.....	243	2,378	9,786	376.6	1,550	158.37
17 - 32.....	416	4,059	9,757	422.2	1,015	104.02
33 - 50.....	425	4,124	9,704	366.3	862	88.82
51 - 100.....	986	8,113	8,228	551.2	559	67.94
101 - 150.....	787	6,159	7,826	347.6	442	56.44
151 - 200.....	468	2,973	6,353	111.3	238	37.44
All other companies.....	5,770	31,227	5,412	996.2	173	31.90
Oil wells.....	2,121	11,203	5,282	601.5	284	53.69
Companies:						
1 - 8.....	84	770	9,167	122.4	1,457	158.96
9 - 16.....	25	252	10,080	36.4	1,456	144.44
17 - 32.....	60	457	7,617	41.2	686	90.15
33 - 50.....	50	458	9,160	47.4	948	103.49
51 - 100.....	102	810	7,941	64.5	632	79.63
101 - 150.....	146	1,029	7,048	44.5	305	43.25
151 - 200.....	137	803	5,861	29.8	218	37.11
All other companies.....	1,517	6,624	4,367	215.3	142	32.50
Gas wells.....	2,072	15,651	7,554	1,242.9	600	79.41
Companies:						
1 - 8.....	111	1,180	10,631	227.8	2,052	193.05
9 - 16.....	55	629	11,436	134.5	2,445	213.83
17 - 32.....	107	1,134	10,598	143.6	1,342	126.63
33 - 50.....	111	1,173	10,568	145.9	1,314	124.38
51 - 100.....	251	2,009	8,004	176.4	703	87.80
101 - 150.....	115	920	8,000	60.3	524	65.54
151 - 200.....	81	580	7,160	27.7	342	47.76
All other companies.....	1,241	8,026	6,467	326.7	263	40.71
Dry holes.....	5,578	38,832	6,962	2,568.4	460	66.14
Companies:						
1 - 8.....	481	4,703	9,778	891.3	1,853	189.52
9 - 16.....	163	1,497	9,184	205.7	1,262	137.41
17 - 32.....	249	2,468	9,912	237.3	953	96.15
33 - 50.....	265	2,493	9,408	172.9	652	69.35
51 - 100.....	632	5,294	8,377	310.3	491	58.61
101 - 150.....	526	4,210	8,004	242.8	462	57.67
151 - 200.....	251	1,590	6,335	53.9	215	33.90
All other companies.....	3,011	16,577	5,505	454.2	151	27.40
Development.....	23,157	123,887	5,350	6,751.2	292	54.49
Companies:						
1 - 8.....	4,071	24,629	6,050	2,138.0	525	86.81
9 - 16.....	1,947	9,566	4,913	873.1	448	91.27
17 - 32.....	1,586	10,765	6,788	878.7	554	81.63
33 - 50.....	1,300	7,965	6,127	492.3	379	61.81
51 - 100.....	2,276	15,382	6,758	787.9	346	51.22
101 - 150.....	1,783	9,150	5,132	317.1	178	34.66
151 - 200.....	941	4,668	4,961	155.0	165	33.20
All other companies.....	9,253	41,762	4,513	1,109.1	120	26.56
Oil wells.....	11,449	52,573	4,592	2,518.9	220	47.91
Companies:						
1 - 8.....	2,633	13,325	5,061	951.1	361	71.38
9 - 16.....	1,463	5,132	3,508	332.4	227	64.77
17 - 32.....	518	3,231	6,237	241.4	466	74.71
33 - 50.....	600	2,536	4,227	161.5	269	63.68
51 - 100.....	767	4,586	5,979	197.7	258	43.11
101 - 150.....	980	4,183	4,268	111.1	113	26.56
151 - 200.....	365	2,047	5,608	68.2	187	33.32
All other companies.....	4,123	17,533	4,252	455.5	110	25.98
Gas wells.....	7,477	48,162	6,441	3,286.4	440	68.24
Companies:						
1 - 8.....	1,037	8,302	8,006	945.3	912	113.86
9 - 16.....	340	3,435	10,103	442.3	1,301	128.76
17 - 32.....	759	5,372	7,078	520.1	685	96.82
33 - 50.....	452	3,532	7,814	250.2	554	70.84
51 - 100.....	1,191	8,426	15,471	483.4	406	57.37
101 - 150.....	530	3,196	6,030	140.1	264	43.84
151 - 200.....	438	1,855	4,235	67.9	155	36.60
All other companies.....	2,730	14,044	5,144	437.1	160	31.12
Dry holes.....	4,231	23,152	5,472	945.9	224	40.86
Companies:						
1 - 8.....	401	3,002	7,486	241.7	603	80.51
9 - 16.....	144	999	6,938	98.4	683	98.50
17 - 32.....	309	2,162	6,997	117.2	379	54.21
33 - 50.....	248	1,897	7,649	80.6	325	42.49
51 - 100.....	318	2,370	7,453	106.8	336	45.06
101 - 150.....	274	1,771	6,464	65.9	241	37.21
151 - 200.....	137	766	5,591	18.9	138	24.67
All other companies.....	2,400	10,185	4,244	216.4	90	21.25

See footnotes at end of table.

Table 17. Gross Operator Drilling Statistics for Oil, Gas, and Dry Wells: Companies Ranked by Crude Petroleum, Condensate, and Natural Gas Sales: 1978 and 1977—Continued

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
1977 <sup>F</sup> .....	31,275	176,530	5,644	9,076.3	290	51.42
Exploration.....	9,106	58,683	6,444	3,279.3	360	55.88
Companies:						
1 - 8.....	738	6,171	8,362	792.2	1,073	128.37
9 - 16.....	189	1,796	9,503	274.2	1,451	152.67
17 - 32.....	425	4,092	9,628	395.5	931	96.65
33 - 50.....	412	3,640	8,835	272.4	661	74.83
51 - 100.....	793	6,670	8,411	391.7	494	58.72
101 - 150.....	778	5,358	6,887	205.3	264	38.31
151 - 200.....	520	3,446	6,627	104.4	201	30.29
All other companies.....	5,251	27,510	5,239	843.6	161	30.66
Oil wells.....	2,184	11,333	5,189	461.2	211	40.69
Companies:						
1 - 8.....	85	523	6,153	69.2	814	132.31
9 - 16.....	24	199	8,292	16.3	679	81.90
17 - 32.....	75	571	7,613	41.5	553	72.67
33 - 50.....	48	356	7,417	20.5	427	57.58
51 - 100.....	96	846	8,813	45.0	469	53.19
101 - 150.....	167	1,049	6,281	32.1	192	30.60
151 - 200.....	113	702	6,212	20.5	181	29.20
All other companies.....	1,576	7,087	4,497	216.1	137	30.49
Gas wells.....	1,770	12,641	7,142	909.8	514	71.97
Companies:						
1 - 8.....	121	1,191	9,843	113.5	938	95.30
9 - 16.....	34	345	10,147	71.9	2,115	208.40
17 - 32.....	104	1,184	11,385	165.2	1,588	139.52
33 - 50.....	102	1,031	10,108	108.8	1,067	105.52
51 - 100.....	240	1,809	7,538	151.0	629	83.47
101 - 150.....	115	772	6,713	46.4	403	60.10
151 - 200.....	119	798	6,706	23.6	198	29.57
All other companies.....	935	5,511	5,894	229.4	245	41.63
Dry holes.....	5,152	34,709	6,737	1,908.3	370	54.97
Companies:						
1 - 8.....	532	4,457	8,378	609.5	1,146	136.75
9 - 16.....	131	1,252	9,557	186.0	1,420	148.56
17 - 32.....	246	2,337	9,500	188.8	767	80.79
33 - 50.....	261	2,253	8,632	143.0	548	63.47
51 - 100.....	457	4,015	8,786	195.7	428	48.74
101 - 150.....	496	3,537	7,131	126.8	256	35.85
151 - 200.....	289	1,946	6,734	60.3	209	30.99
All other companies.....	2,740	14,912	5,442	398.2	145	26.70
Development.....	22,169	117,847	5,316	5,797.1	261	49.19
Companies:						
1 - 8.....	4,267	25,433	5,960	1,806.9	423	71.05
9 - 16.....	1,868	9,887	5,293	794.0	425	80.31
17 - 32.....	1,252	8,494	6,784	697.7	557	82.14
33 - 50.....	2,272	10,102	4,446	476.9	210	47.21
51 - 100.....	1,947	12,653	6,499	581.2	299	45.93
101 - 150.....	1,702	9,488	5,575	267.1	157	28.15
151 - 200.....	771	4,366	5,663	186.6	242	42.74
All other companies.....	8,090	37,424	4,626	986.7	122	26.37
Oil wells.....	11,448	54,715	4,779	2,437.8	213	44.55
Companies:						
1 - 8.....	2,921	14,952	5,119	911.3	312	60.95
9 - 16.....	1,341	5,436	4,054	333.8	249	61.41
17 - 32.....	605	3,303	5,460	269.2	445	81.50
33 - 50.....	1,036	3,524	3,402	189.3	183	53.72
51 - 100.....	737	4,653	6,313	168.2	228	36.15
101 - 150.....	894	4,779	5,346	105.9	118	22.16
151 - 200.....	307	1,848	6,020	80.4	262	43.51
All other companies.....	3,607	16,220	4,497	379.7	105	23.41
Gas wells.....	6,765	41,560	6,143	2,531.1	374	60.90
Companies:						
1 - 8.....	936	7,304	7,803	697.9	746	95.55
9 - 16.....	381	3,291	8,638	365.6	960	111.09
17 - 32.....	522	4,129	7,910	384.4	736	93.10
33 - 50.....	904	4,445	4,917	212.2	235	47.74
51 - 100.....	877	5,639	6,430	284.3	324	50.42
101 - 150.....	514	3,012	5,860	117.2	228	38.91
151 - 200.....	303	1,643	5,422	78.8	260	47.96
All other companies.....	2,328	12,097	5,196	390.7	168	32.30
Dry holes.....	3,956	21,572	5,453	828.2	209	38.39
Companies:						
1 - 8.....	410	3,177	7,749	197.8	482	62.26
9 - 16.....	146	1,160	7,945	94.6	648	81.55
17 - 32.....	125	1,062	8,496	44.1	353	41.53
33 - 50.....	332	2,133	6,425	75.4	227	35.35
51 - 100.....	333	2,361	7,090	128.7	386	54.51
101 - 150.....	294	1,697	5,772	44.1	150	25.99
151 - 200.....	161	875	5,435	27.3	170	31.20
All other companies.....	2,155	9,107	4,226	216.2	100	23.74

Note: Detailed figures may not add to totals because of independent rounding.

<sup>F</sup>Revised.

**Table 18. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class					
			.000 to .199	.200 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Sales volumes:</b>								
Crude petroleum and condensate...	Mil. bbl....	2,555.4	(D)	(D)	282.2	808.4	756.5	475.0
From stripper well leases.....	..do.....	320.3	16.2	5.6	28.1	73.6	83.2	113.6
Lease condensate.....	..do.....	114.9	1.2	2.4	10.3	33.4	35.1	32.4
Natural gas.....	Bil. cu. ft.	15,192.0	238.3	159.7	1,172.5	4,904.0	5,291.2	3,426.2
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>38,400.8</b>	<b>500.4</b>	<b>1,269.8</b>	<b>3,653.0</b>	<b>12,355.1</b>	<b>11,864.4</b>	<b>8,758.1</b>
Crude petroleum and condensate...	..do.....	22,164.8	277.6	1,060.4	2,481.3	6,811.0	6,886.5	4,648.1
Crude petroleum.....	..do.....	21,041.4	275.1	1,035.5	2,378.9	6,493.6	6,522.9	4,335.5
Lease condensate.....	..do.....	1,123.4	2.5	24.9	102.3	317.4	363.6	312.6
Natural gas.....	..do.....	14,953.6	174.7	176.9	1,129.7	5,139.7	4,595.5	3,737.2
Income from oil and gas royalties	..do.....	1,039.6	45.3			311.6	348.6	294.1
Other lease revenues from producing operations.....	..do.....	242.8	2.9	32.5	42.1	92.8	33.8	78.7
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>30,474.9</b>	<b>303.5</b>	<b>1,071.9</b>	<b>3,193.0</b>	<b>8,760.6</b>	<b>9,506.0</b>	<b>7,640.0</b>
Exploration expenditures.....	..do.....	9,451.6	41.5	238.5	1,131.4	2,801.0	2,689.0	2,550.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	4,137.7	3.1	62.1	302.3	959.1	1,158.6	1,652.5
Dry holes.....	..do.....	2,215.2		30.6	159.5	598.5	664.3	762.4
Oil wells.....	..do.....	461.5		9.5	24.1	130.1	92.4	205.4
Gas wells.....	..do.....	1,119.4		11.4	84.8	181.0	325.7	516.5
Work-in-progress adjustment..	..do.....	341.6		13.7	34.0	49.5	76.2	168.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,912.3	5.5	105.1	494.5	1,135.6	696.0	475.6
Land department leasing and scouting.....	..do.....	163.6	(D)	(D)	17.3	33.0	48.4	56.5
Geological and geophysical.....	..do.....	1,045.9	1.0	10.4	193.0	346.8	362.0	132.7
Lease rents.....	..do.....	285.3	2.3	4.5	30.2	58.1	111.1	79.1
Test hole contributions.....	..do.....	24.5	(D)	(D)	(D)	2.1	9.8	2.5
Other exploration expenditures, including direct overhead.....	..do.....	393.5	(D)	(D)	26.7	119.4	144.8	63.8
General and administrative overhead, not reported elsewhere.....	..do.....	488.9	(D)	23.1	(D)	146.9	158.4	87.5
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>11,012.4</b>	<b>17.7</b>	<b>437.9</b>	<b>948.2</b>	<b>2,990.6</b>	<b>3,618.9</b>	<b>2,999.1</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,839.1	1.6	112.5	510.1	1,603.7	2,241.2	2,370.1
Dry holes.....	..do.....	788.6		8.5	49.0	157.3	225.9	347.8
Oil wells.....	..do.....	2,240.5		52.7	133.8	587.6	709.6	756.9
Gas wells.....	..do.....	2,825.7		23.0	180.9	632.0	967.2	1,022.6
Work-in-progress adjustment..	..do.....	984.3		0.4	146.3	226.9	338.5	242.8
Lease equipment <sup>3</sup> .....	..do.....	2,176.2		3.9	(D)	749.1	719.3	307.6
Lease and land acquisitions of producing acreage.....	..do.....	450.1	6.7	30.5	26.3	208.2	77.9	100.5
Fluid injection and improved recovery programs.....	..do.....	639.3	(D)	(D)	150.3	166.2	261.3	39.7
Other development expenditures, including direct overhead.....	..do.....	467.5	(D)	(D)	84.1	76.8	218.0	65.9
General and administrative overhead not reported elsewhere.....	..do.....	440.2	(D)	11.7	(D)	186.5	101.2	115.2
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>10,010.9</b>	<b>244.3</b>	<b>395.4</b>	<b>1,113.4</b>	<b>2,968.9</b>	<b>3,198.1</b>	<b>2,090.8</b>
Direct operating expenditures..	..do.....	6,166.5	142.3	169.8	823.5	1,686.6	2,032.4	1,312.0
Operating and maintenance....	..do.....	4,889.3	116.0	152.7	647.8	1,248.7	1,640.5	1,083.5
Well workovers.....	..do.....	779.2	19.1	17.1	175.7	170.4	312.5	160.7
Other direct expenses.....	..do.....	498.0	7.3			267.4	79.4	67.8
Indirect operating expenditures	..do.....	3,844.4	102.0	225.7	289.9	1,282.4	1,165.7	778.7
Taxes (excluding income taxes)	..do.....	2,380.2			200.8	781.6	756.7	436.0
General and administrative overhead.....	..do.....	1,070.5	83.0	218.8	63.9	278.8	339.4	291.9
Other indirect expenses.....	..do.....	393.7	19.0	6.9	25.3	222.0	69.5	50.9

See footnotes at end of table.

**Table 18. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class					
			.000 to .199	.200 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>								
Exploration dry holes:								
Expenditures.....	Mill. dol....	2,215.2	30.6		159.5	598.5	664.3	762.4
Number of wells.....	Number.....	5,013	239		198	940	1,036	2,600
Total footage drilled.....	Thou. ft....	31,464	792		1,658	5,584	8,157	15,273
Exploration oil wells:								
Expenditures.....	Mill. dol....	461.5	9.5		24.1	130.1	92.4	205.4
Number of wells.....	Number.....	2,046	22		36	490	320	1,178
Total footage drilled.....	Thou. ft....	9,877	167		316	2,212	1,715	5,467
Exploration gas wells:								
Expenditures.....	Mill. dol....	1,119.4	11.4		84.8	181.0	325.7	516.5
Number of wells.....	Number.....	1,969	33		54	266	375	1,241
Total footage drilled.....	Thou. ft....	13,661	246		550	1,976	2,708	8,181
Development dry holes:								
Expenditures.....	Mill. dol....	788.6	8.5		49.0	157.3	225.9	347.8
Number of wells.....	Number.....	4,463	103		104	601	667	2,987
Total footage drilled.....	Thou. ft....	22,898	639		743	3,049	4,081	14,386
Development oil wells:								
Expenditures.....	Mill. dol....	2,240.5	52.7		133.8	587.6	709.6	756.9
Number of wells.....	Number.....	10,382	111		776	1,926	2,870	4,699
Total footage drilled.....	Thou. ft....	46,492	596		2,927	8,997	13,525	20,447
Development gas wells:								
Expenditures.....	Mill. dol....	2,825.7	23.0		180.9	632.0	967.2	1,022.6
Number of wells.....	Number.....	7,033	121		188	805	1,647	4,271
Total footage drilled.....	Thou. ft....	42,318	697		1,671	5,985	10,992	22,973
Expenditures for platforms.....	Mill. dol....	750.5	-	(D)	(D)	219.6	287.1	160.6
Drilling platforms <sup>2</sup> .....	..do.....	475.6	-	(D)	(D)	101.5	206.5	95.6
Production platforms <sup>3</sup> .....	..do.....	274.9	-	(D)	(D)	118.1	80.6	64.9
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	94,779.4	792.4	3,085.1	9,554.6	25,942.3	33,547.3	21,857.7
Oil and gas field properties.....	..do.....	92,769.8	677.4	3,064.4	9,377.6	25,407.7	32,819.9	21,422.8
Buildings, other structures, and machinery.....	..do.....	2,009.6	115.1	20.6	177.0	534.6	727.4	434.9
Capitalized expenditures.....	..do.....	17,190.9	118.9	621.5	2,102.7	4,383.4	5,407.0	4,557.4
Oil and gas field properties.....	..do.....	16,589.9				4,225.7	5,196.6	4,418.0
Buildings, other structures, and machinery.....	..do.....	600.9	118.9	621.5	2,102.7	157.7	210.4	139.4
Retirement and dispositions.....	..do.....	5,863.1	39.7	98.4	1,008.6	1,629.0	1,955.3	1,132.1
Oil and gas properties.....	..do.....	5,733.2				1,612.2	1,894.0	1,092.5
Buildings, other structures, and machinery.....	..do.....	129.9	39.7	98.4	1,008.6	16.8	61.3	39.6
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	871.6	3,608.2	10,648.8	28,696.7	36,999.0	25,283.1
Oil and gas field properties.....	..do.....	103,626.5	735.6	3,557.5	10,441.4	28,021.2	36,122.5	24,748.3
Buildings, other structures, and machinery.....	..do.....	2,480.7	136.0	50.6	207.4	675.5	876.4	534.8
Depletion, depreciation, and amortization of fixed assets:								
Cost during 1978.....	..do.....	6,814.9	38.6	244.3	816.4	1,704.1	2,426.6	1,584.9
Oil and gas field properties.....	..do.....	6,644.7	30.3	239.6	799.2	1,657.2	2,378.9	1,539.4
Buildings, other structures, and machinery.....	..do.....	170.3	8.3	4.7	17.1	46.9	47.6	45.6
Depletion, depreciation, and amortization of fixed assets, end of 1978.....	..do.....	44,191.6	544.3	751.8	5,212.6	12,509.9	15,732.9	9,440.1
Oil and gas field properties.....	..do.....	43,154.1	482.6	746.6	5,108.7	12,249.4	15,326.0	9,240.7
Buildings, other structures, and machinery.....	..do.....	1,037.5	61.7	5.2	103.8	260.5	406.9	199.3

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 19. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,555.4	151.0	325.7	272.6	758.0	273.7	460.3	294.5	19.5
From stripper well leases.....	..do.....	320.3	55.7	25.8	38.3	68.5	35.2	46.9	39.6	10.4
Lease condensate.....	..do.....	114.9	2.2	15.7	18.0	31.0	9.9	22.9	14.6	0.6
Natural gas.....	Bil. cu. ft.	15,192.0	508.5	1,559.5	2,066.2	4,609.4	1,582.7	3,347.5	1,394.0	124.2
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	38,400.8	2,088.1	4,265.9	4,591.8	11,109.2	4,081.7	7,536.3	4,373.3	354.5
Crude petroleum.....	..do.....	22,164.8	1,538.8	2,304.2	2,452.0	6,765.2	2,416.9	3,865.5	2,612.5	209.8
Lease condensate.....	..do.....	21,041.4	1,522.4	2,142.6	2,285.1	6,465.5	2,314.0	3,636.7	2,472.0	203.1
Natural gas.....	..do.....	1,123.4	16.4	161.6	166.8	299.7	103.0	228.8	140.5	6.7
Income from oil and gas royalties	..do.....	14,953.6	467.0	1,736.5	1,993.4	4,072.0	1,531.3	3,415.6	1,613.7	124.0
Other lease revenues from producing operations.....	..do.....	1,039.6	65.6	179.5	111.3	248.7	119.2	175.4	121.7	18.2
Expenditures (capitalized and expensed).....	..do.....	242.8	16.6	45.8	35.1	23.3	14.3	79.7	25.4	2.6
Exploration expenditures.....	..do.....	30,474.9	978.2	3,625.9	4,209.6	8,100.0	3,925.0	5,212.8	4,114.2	309.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	193.4	972.0	1,149.9	2,291.6	1,244.7	1,801.1	1,677.0	121.8
Dry holes.....	..do.....	4,137.7	103.1	441.1	445.0	808.7	557.6	794.7	906.6	80.9
Oil wells.....	..do.....	2,215.2	-	77.3	181.7	419.0	300.7	496.0	668.5	71.9
Gas wells.....	..do.....	461.5	41.0	57.3	54.4	84.2	41.6	100.0	78.1	5.1
Work-in-progress adjustment..	..do.....	1,119.4	225.0	142.6	142.8	199.4	167.0	195.7	184.8	3.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	52.0	334.5	66.1	106.1	48.3	3.0	-24.8	.3
Land department leasing and scouting.....	..do.....	2,912.3	1.1	22.4	15.5	39.1	23.8	33.6	25.9	2.2
Geological and geophysical.....	..do.....	1,045.9	(D)	53.8	137.5	324.8	161.4	173.1	167.0	(D)
Lease rents.....	..do.....	285.3	3.0	32.2	51.3	67.2	36.5	53.3	45.8	3.4
Test hole contributions.....	..do.....	24.5	-	-	11.8	1.3	3.2	0.9	-	-
Other exploration expenditures, including direct overhead.....	..do.....	393.5	0.6	53.7	55.3	110.7	38.3	96.8	27.5	10.7
General and administrative overhead, not reported elsewhere.....	..do.....	488.9	(D)	34.3	44.9	167.9	46.3	61.9	114.7	(D)
Development expenditures.....										
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	220.3	1,658.2	1,806.5	2,786.0	1,476.1	1,727.4	1,275.7	62.2
Dry holes.....	..do.....	6,839.1	174.0	1,027.0	1,076.1	1,740.4	899.8	1,141.6	736.1	44.0
Oil wells.....	..do.....	788.6	-	40.4	96.3	161.1	105.2	162.5	191.1	31.9
Gas wells.....	..do.....	2,240.5	129.9	333.1	343.5	559.4	236.3	356.8	277.4	4.2
Work-in-progress adjustment..	..do.....	2,825.7	38.7	418.9	478.2	702.9	396.8	537.9	243.2	9.2
Lease equipment <sup>3</sup> .....	..do.....	984.3	5.5	234.6	158.1	317.1	161.5	84.5	24.4	-1.4
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	22.9	414.7	264.9	522.9	312.2	349.4	281.4	7.9
Fluid injection and improved recovery programs.....	..do.....	450.1	7.7	61.3	211.4	49.3	29.5	21.9	67.1	2.0
Other development expenditures, including direct overhead.....	..do.....	639.3	(D)	39.1	124.3	193.7	140.9	88.3	43.6	(D)
General and administrative overhead not reported elsewhere.....	..do.....	467.5	(D)	46.7	60.3	200.4	55.9	62.8	31.6	(D)
Production expenditures.....	..do.....	440.2	1.8	69.4	69.5	79.1	37.9	63.4	116.0	3.0
Direct operating expenditures..	..do.....	10,010.9	564.4	995.8	1,253.2	3,022.4	1,204.2	1,684.3	1,161.4	125.2
Operating and maintenance.....	..do.....	6,166.5	375.7	555.0	795.4	1,931.0	829.6	937.9	656.2	85.8
Well workovers.....	..do.....	4,889.3	320.3	473.7	702.3	1,480.6	658.8	663.7	514.5	75.3
Other direct expenses.....	..do.....	779.2	55.4	60.5	72.0	325.3	125.2	125.2	51.9	8.5
Indirect operating expenditures	..do.....	498.0	-	20.7	21.1	125.1	170.8	148.9	89.8	2.0
Taxes (excluding income taxes)	..do.....	3,844.4	188.8	440.8	457.8	1,091.4	374.5	746.4	505.3	39.4
General and administrative overhead.....	..do.....	2,380.2	53.1	305.5	279.6	677.7	243.6	488.9	313.4	18.5
Other indirect expenses.....	..do.....	1,070.5	112.2	135.2	178.2	330.3	89.4	126.4	172.4	17.0
	..do.....	393.7	23.6	-	-	83.5	41.5	131.0	19.5	4.0

See footnotes at end of table.



**Table 19. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,215.2	-	77.3	181.7	419.0	300.7	496.0	668.5	71.9
Number of wells.....	Number.....	5,013	-	512	348	567	492	822	1,875	398
Total footage drilled.....	Thou. ft....	31,464	-	2,183	2,502	4,276	3,236	5,234	11,994	2,039
Exploration oil wells:										
Expenditures.....	Mil. dol....	461.5	41.0	57.3	54.4	84.2	41.6	100.0	78.1	5.1
Number of wells.....	Number.....	2,046	211	396	144	253	150	253	579	60
Total footage drilled.....	Thou. ft....	9,877	871	1,423	1,068	1,438	842	1,403	2,636	196
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,119.4	226.0		142.8	199.4	167.0	195.7	184.8	3.6
Number of wells.....	Number.....	1,969	638		167	259	184	281	427	13
Total footage drilled.....	Thou. ft....	13,661	4,239		1,188	1,794	1,400	2,161	2,795	84
Development dry holes:										
Expenditures.....	Mil. dol....	788.6	-	40.4	96.3	161.1	105.2	162.5	191.1	31.9
Number of wells.....	Number.....	4,463	-	367	336	431	479	849	1,515	485
Total footage drilled.....	Thou. ft....	22,898	-	1,503	2,158	2,755	2,261	3,506	7,804	2,911
Development oil wells:										
Expenditures.....	Mil. dol....	2,240.5	129.9	333.1	343.5	559.4	236.3	356.8	277.4	4.2
Number of wells.....	Number.....	10,382	947	1,948	1,120	1,991	1,499	1,260	1,597	20
Total footage drilled.....	Thou. ft....	46,492	2,782	8,323	5,976	10,151	5,034	6,549	7,570	107
Development gas wells:										
Expenditures.....	Mil. dol....	2,825.7	38.7	418.9	478.2	702.9	396.8	537.9	243.2	9.2
Number of wells.....	Number.....	7,033	424	1,961	845	1,065	702	1,002	950	85
Total footage drilled.....	Thou. ft....	42,318	1,219	10,002	6,170	7,468	4,211	6,509	6,390	349
Expenditures for platforms.....	Mil. dol....	750.5	-	63.4	127.1	190.4	163.5	126.0	80.1	
Drilling platforms <sup>2</sup> .....	..do.....	475.6	-	48.3	85.7	138.1	108.3	71.1	24.2	
Production platforms <sup>3</sup> .....	..do.....	274.9	-	15.2	41.3	52.3	55.2	54.9	55.9	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	94,779.4	4,949.5	10,476.5	12,482.5	26,820.7	12,475.7	16,128.7	10,791.0	654.8
Oil and gas field properties.....	..do.....	92,769.8	4,739.4	10,348.6	11,938.8	26,438.4	12,313.8	15,901.3	10,450.6	638.7
Buildings, other structures, and machinery.....	..do.....	2,009.6	210.1	127.9	543.7	382.2	161.8	227.3	340.4	16.1
Capitalized expenditures.....	..do.....	17,190.9	453.7	2,323.5	2,332.9	4,643.7	2,433.2	2,675.3	2,238.8	89.9
Oil and gas field properties.....	..do.....	16,589.8	396.7	2,266.0	2,191.6	4,508.1	2,384.9	2,598.5	2,158.3	85.7
Buildings, other structures, and machinery.....	..do.....	600.9	57.1	57.4	141.2	135.6	48.3	76.8	80.5	4.0
Retirement and dispositions.....	..do.....	5,863.1	58.6	403.6	852.7	2,271.5	528.6	983.7	699.4	65.0
Oil and gas properties.....	..do.....	5,733.2	55.8	397.5	844.0	2,203.6	525.4	955.2	686.8	64.7
Buildings, other structures, and machinery.....	..do.....	129.9	2.8	6.0	8.6	67.9	3.2	28.4	12.6	0.3
Gross book value of fixed assets (end of year).....	..do.....	106,107.3	5,344.7	12,396.4	13,962.7	29,192.9	14,380.2	17,820.3	12,330.4	679.7
Oil and gas field properties.....	..do.....	103,626.5	5,080.3	12,217.1	13,286.4	28,742.9	14,173.3	17,544.6	11,922.0	659.9
Buildings, other structures, and machinery.....	..do.....	2,480.7	264.4	179.3	676.3	450.0	206.9	275.7	408.4	19.9
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1978.....	..do.....	6,814.9	167.6	803.1	884.3	2,152.3	885.2	1,017.0	851.4	54.0
Oil and gas field properties.....	..do.....	6,644.7	150.2	787.6	842.5	2,112.5	885.2	997.3	823.2	54.0
Buildings, other structures, and machinery.....	..do.....	170.3	17.3	15.5	41.8	39.8		19.7	28.1	
Accumulated cost, end of 1978.....	..do.....	44,191.6	1,339.3	4,192.7	5,831.5	13,660.9	6,233.0	7,955.2	4,613.2	365.8
Oil and gas field properties.....	..do.....	43,154.1	1,231.6	4,124.2	5,539.3	13,454.7	6,131.4	7,830.9	4,483.1	358.7
Buildings, other structures, and machinery.....	..do.....	1,037.5	107.6	68.4	292.2	206.2	101.6	124.4	130.1	7.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 20. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class						
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
Sales volumes:									
Crude petroleum and condensate...	Mill. bbl....	2,555.4	137.5	2,119.2	112.3	80.0	28.2	39.4	38.7
From stripper well leases.....	..do.....	320.3	65.1	186.1	15.8	30.2	6.6	11.3	5.2
Lease condensate.....	..do.....	114.9	3.2	85.0	9.5	4.8	3.9	4.0	4.4
Natural gas.....	Bil. cu. ft.	15,192.0	626.9	11,723.9	892.9	757.2	381.1	428.3	381.7
Lease revenues:									
Crude petroleum and condensate...	Mill. dol....	38,400.8	2,050.2	29,500.3	2,240.8	1,801.8	873.3	1,042.8	891.7
Crude petroleum.....	..do.....	22,164.8	1,345.9	17,806.4	1,101.4	822.3	271.8	431.7	385.4
Lease condensate.....	..do.....	21,041.4	1,328.5	16,956.2	1,015.4	772.3	228.1	393.6	347.4
Natural gas.....	..do.....	1,123.4	17.4	850.2	86.0	50.0	43.7	38.1	38.0
Income from oil and gas royalties	..do.....	14,953.6	613.5	10,884.9	972.0	886.3	567.7	570.6	458.8
Other lease revenues from producing operations.....	..do.....	1,039.6	72.7	642.3	145.6	81.2	21.1	36.3	40.4
Other lease revenues from producing operations.....	..do.....	242.8	18.1	166.8	21.9	12.0	12.7	4.2	7.2
Expenditures (capitalized and expensed):									
Exploration expenditures.....	..do.....	30,474.9	1,282.4	21,552.7	2,339.3	1,853.2	1,037.0	1,338.3	1,072.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,451.6	39.7	5,776.1	893.0	744.2	531.9	722.8	744.0
Dry holes.....	..do.....	4,137.7	(Z)	1,965.3	405.6	414.1	281.6	468.2	603.0
Oil wells.....	..do.....	2,215.2	(Z)	1,240.5	202.1	200.0	155.8	196.3	220.6
Gas wells.....	..do.....	461.5	-	223.7	54.3	38.8	28.1	56.9	59.7
Work-in-progress adjustment..	..do.....	1,119.4	-	405.8	117.4	143.3	63.1	182.4	207.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	341.6	(Z)	95.3	31.8	32.0	34.6	32.5	115.4
Land department leasing and scouting.....	..do.....	2,912.3	15.8	2,022.0	281.3	192.7	178.2	153.8	68.5
Geological and geophysical.....	..do.....	163.6	(D)	103.8	12.2	17.3	8.1	7.8	(D)
Lease rents.....	..do.....	1,045.9	0.9	835.3	73.4	42.3	35.4	49.5	9.1
Test hole contributions.....	..do.....	285.3	5.7	183.1	30.6	25.7	11.3	14.0	14.9
Other exploration expenditures, including direct overhead.....	..do.....	24.5	(D)	21.9	1.0	0.6	0.1	0.6	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	393.5	0.3	297.8	46.2	17.2	4.4	13.0	14.5
Development expenditures.....	..do.....	488.9	(D)	346.9	42.7	34.3	12.7	15.9	(D)
Drilling and equipping wells <sup>1 2</sup>	..do.....	11,012.4	513.0	8,102.8	893.7	620.8	324.6	422.0	135.4
Dry holes.....	..do.....	6,839.1	374.3	4,810.8	590.9	459.8	226.2	280.1	97.1
Oil wells.....	..do.....	788.6	78.6	453.1	72.6	62.0	49.7	44.8	27.7
Gas wells.....	..do.....	2,240.5	173.1	1,640.9	175.4	128.5	46.3	56.2	20.1
Work-in-progress adjustment..	..do.....	2,825.7	116.1	1,887.8	298.3	241.9	109.5	138.6	33.6
Lease equipment <sup>3</sup> .....	..do.....	984.3	6.5	829.0	44.5	27.4	20.7	40.5	15.7
Lease and land acquisitions of producing acreage.....	..do.....	2,176.2	91.0	1,650.6	204.7	64.2	46.9	103.9	14.8
Fluid injection and improved recovery programs.....	..do.....	450.1	23.7	290.1	39.0	42.8	26.3	16.9	11.4
Other development expenditures, including direct overhead.....	..do.....	639.3	7.9	598.1	21.9	8.1	2.4	0.9	
General and administrative overhead not reported elsewhere.....	..do.....	467.5	8.8	398.6	10.0	18.4	13.2	18.6	
Production expenditures.....	..do.....	440.2	7.4	354.5	27.3	27.4	9.7	13.9	
Direct operating expenditures...	..do.....	10,010.9	729.6	7,673.7	552.6	488.1	180.5	193.5	192.7
Operating and maintenance...	..do.....	6,166.5	474.4	4,713.1	333.2	289.9	105.2	127.6	123.1
Well workovers.....	..do.....	4,889.3	378.0	3,704.5	276.8	241.7	85.0	96.2	107.1
Other direct expenses.....	..do.....	779.2	46.4	607.6	39.1	33.8	13.3	26.1	12.8
Indirect operating expenditures	..do.....	498.0	49.9	401.0	17.3	14.4	7.0	5.3	3.1
Taxes (excluding income taxes)	..do.....	3,844.4	255.2	2,960.6	219.4	198.3	75.3	65.9	69.7
General and administrative overhead.....	..do.....	2,380.2	85.8	1,921.0	130.8	107.1	49.0	38.8	47.6
Other indirect expenses.....	..do.....	1,070.5	131.1	713.7	77.0	82.5	23.7	21.2	21.4
	..do.....	393.7	38.4	325.9	11.6	8.7	2.5	6.0	0.6

See footnotes at end of table.

**Table 20. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class						
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	2,215.2	(Z)	1,240.5	202.1	200.0	155.8	196.3	220.6
Number of wells.....	Number.....	5,013	(Z)	1,519	801	878	373	650	793
Total footage drilled.....	Thou. ft....	31,464	(Z)	10,915	4,322	4,598	3,030	3,586	5,013
Exploration oil wells:									
Expenditures.....	Mil. dol....	461.5	-	223.7	54.3	38.8	28.1	56.9	59.7
Number of wells.....	Number.....	2,046	-	458	154	571	96	415	353
Total footage drilled.....	Thou. ft....	9,877	-	2,641	1,058	2,145	657	1,609	1,767
Exploration gas wells:									
Expenditures.....	Mil. dol....	1,119.4	-	405.8	117.4	143.3	63.1	182.4	207.4
Number of wells.....	Number.....	1,969	-	437	298	356	97	246	534
Total footage drilled.....	Thou. ft....	13,661	-	3,448	1,766	2,000	808	1,929	3,710
Development dry holes:									
Expenditures.....	Mil. dol....	788.6	78.6	453.1	72.6	62.0	49.7	44.8	27.7
Number of wells.....	Number.....	4,463	1,376	1,617	473	545	118	279	56
Total footage drilled.....	Thou. ft....	22,898	6,515	9,164	2,481	1,902	890	1,464	482
Development oil wells:									
Expenditures.....	Mil. dol....	2,240.5	173.1	1,640.9	175.4	128.5	46.3	56.2	20.1
Number of wells.....	Number.....	10,382	2,299	6,057	637	757	157	371	102
Total footage drilled.....	Thou. ft....	46,492	7,523	28,426	3,388	3,651	983	1,848	673
Development gas wells:									
Expenditures.....	Mil. dol....	2,825.7	116.1	1,887.8	298.3	241.9	109.5	138.6	33.6
Number of wells.....	Number.....	7,033	1,166	3,604	886	693	132	383	170
Total footage drilled.....	Thou. ft....	42,318	4,459	24,467	4,925	3,973	1,233	2,564	697
Expenditures for platforms.....	Mil. dol....	750.5	(D)	487.8	96.6	38.2	44.1	74.1	(D)
Drilling platforms <sup>2</sup> .....	..do.....	475.6	(D)	343.3	48.6	38.2	16.0	74.1	(D)
Production platforms <sup>3</sup> .....	..do.....	274.9	(D)	144.5	48.1		28.1		(D)
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....									
Oil and gas field properties.....	..do.....	94,779.4	2,977.2	73,046.0	6,433.6	4,898.5	2,316.9	2,962.0	2,145.2
Buildings, other structures, and machinery.....	..do.....	92,769.8	2,758.1	71,663.3	6,321.1	4,787.9	2,262.8	2,886.5	2,090.0
Capitalized expenditures.....	..do.....	2,009.6	219.1	1,382.6	112.5	110.6	54.1	75.5	55.1
Oil and gas field properties.....	..do.....	17,190.9	491.2	11,489.9	1,657.1	1,131.3	738.8	985.3	697.4
Buildings, other structures, and machinery.....	..do.....	16,589.8		11,060.9	1,621.7	1,094.6		962.7	672.0
Retirement and dispositions.....	..do.....	600.9	491.2	429.0	35.4	36.5	738.8	22.6	25.4
Oil and gas properties.....	..do.....	5,863.1	95.2	4,527.4	561.4	219.2	105.3	182.6	172.0
Buildings, other structures, and machinery.....	..do.....	5,733.2		4,439.2	555.9	211.9		179.9	166.0
Accumulated cost, end of 1978.....	..do.....	129.9	95.2	88.1	5.5	7.3	105.3	2.8	6.0
Gross book value of fixed assets (end of year).....									
Oil and gas field properties.....	..do.....	106,107.3	3,373.3	80,008.5	7,529.3	5,810.5	2,950.5	3,764.7	2,670.6
Buildings, other structures, and machinery.....	..do.....	103,626.5	3,110.9	78,285.0	7,387.0	5,670.7	2,907.6	3,669.3	2,596.0
Depletion, depreciation, and amortization of fixed assets:		2,480.7	262.4	1,723.4	142.3	139.8	42.9	95.3	74.6
Cost during 1978.....	..do.....	6,814.9	183.7	5,080.5	513.9	437.8	225.4	206.2	167.5
Oil and gas field properties.....	..do.....	6,644.7	165.8	4,970.8	498.5	424.2	220.7	201.3	163.4
Buildings, other structures, and machinery.....	..do.....	170.3	17.9	109.7	15.4	13.6	4.6	4.9	4.1
Accumulated cost, end of 1978.....	..do.....	44,191.6	1,541.4	35,163.3	2,587.8	2,182.8	890.6	922.0	903.5
Oil and gas field properties.....	..do.....	43,154.1	1,432.0	34,418.5	2,528.5	2,124.4	879.7	894.8	876.2
Buildings, other structures, and machinery.....	..do.....	1,037.5	109.5	744.9	59.3	58.4	10.9	27.2	27.4

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 21. Detailed Statistics for the Onshore-Lower 48 States Grouped by Stripper Well Lease Specialization Ratio: 1978**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	1,865.4	342.0	352.0	884.3	109.6	26.9	27.0	11.6	111.9
From stripper well leases.....	..do.....	318.5	7.3	27.4	127.3	25.9	9.4	11.8	6.1	103.2
Lease condensate.....	..do.....	87.5	20.0	19.1	37.9	5.9	1.0	2.0	0.3	1.2
Natural gas.....	Bil. cu. ft.	11,064.8	2,289.8	2,499.9	4,481.2	875.1	154.8	206.5	158.2	399.3
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	29,648.7	6,014.5	5,810.7	12,703.1	1,899.4	493.6	619.0	304.9	1,803.4
Crude petroleum.....	..do.....	17,342.7	3,289.5	3,156.2	7,818.9	1,020.0	294.2	315.0	135.8	1,313.2
Lease condensate.....	..do.....	16,514.6	3,089.8	2,974.2	7,464.4	966.6	288.0	295.5	132.3	1,303.9
Natural gas.....	..do.....	828.0	199.7	182.0	354.4	53.4	6.2	19.6	3.5	9.3
Income from oil and gas royalties	..do.....	11,084.8	2,448.0	2,568.3	4,357.9	698.6	156.5	270.4	164.4	420.7
Other lease revenues from producing operations.....	..do.....	1,008.3	246.1	82.7	445.7	120.3	38.7			44.6
								33.5	4.7	25.0
<b>Expenditures (capitalized and expensed):</b>										
<b>Exploration expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	2,881.6	933.6	393.6	886.4	202.8	69.1	96.5	74.4	225.0
Dry holes.....	..do.....	1,340.8	399.5	202.1	441.8	105.2	28.2	52.8	38.2	73.1
Oil wells.....	..do.....	378.0	98.5	34.8	111.7	28.6	22.9	10.7	1.8	68.9
Gas wells.....	..do.....	836.4	228.1	119.9	271.1	46.0	17.9	76.8		76.5
Work-in-progress adjustment..	..do.....	326.5	207.6	36.8	61.9	22.9	(Z)	-9.3		6.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,325.6	371.9	177.0	499.6	113.2	31.6	63.1	13.4	55.9
Land department leasing and scouting.....	..do.....	151.1	27.2	30.3	70.6	6.6	2.7	(D)	(D)	7.9
Geological and geophysical.....	..do.....	788.9	98.8	117.9	483.4	32.1	9.3	14.4	4.3	28.6
Lease rents.....	..do.....	250.5	75.1	28.0	105.2	19.2	5.5	(D)	(D)	8.4
Test hole contributions.....	..do.....	15.5	2.6	1.6	9.4	0.9	(Z)	(Z)	(Z)	0.8
<b>Development expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	4,661.2	1,107.2	571.4	1,986.5	375.1	146.9	174.8	48.9	250.4
Dry holes.....	..do.....	621.7	159.3	80.2	200.7	57.6	23.3	32.0	12.7	56.9
Oil wells.....	..do.....	1,659.5	407.3	181.3	640.6	134.9	72.3	89.2	12.6	121.2
Gas wells.....	..do.....	1,899.6	466.2	282.2	778.1	166.3	49.4	71.4	17.0	69.0
Work-in-progress adjustment..	..do.....	480.3	75.4	27.7	367.0	16.3	1.9	-17.8	6.5	3.4
Lease equipment <sup>3</sup> .....	..do.....	1,032.1	227.8	174.4	432.4	68.0	45.5	27.4	5.6	51.0
Lease and land acquisitions of producing acreage.....	..do.....	397.6	60.3		238.4	31.7		17.7		21.0
Fluid injection and improved recovery programs.....	..do.....	540.3	18.3	114.4	364.3	24.9	11.8	8.1	14.6	12.4
<b>Production expenditures:</b>										
Direct operating expenditures..	..do.....	5,043.6	758.3	818.6	2,407.4	356.5	100.4	108.5	55.5	438.3
Operating and maintenance....	..do.....	4,021.5	585.3	570.2	1,986.8	286.5	85.4	86.6	50.5	370.4
Well workovers.....	..do.....	609.1	125.8	248.5	221.0	69.9	6.1	12.3	3.1	42.3
Other direct expenses.....	..do.....	413.0	47.3		199.7		8.9	9.6	1.9	25.7
<b>Indirect operating expenditures:</b>										
Taxes (excluding income taxes)	..do.....	1,941.9	344.4	411.1	908.2	125.5	33.2	39.0	15.7	64.8
Other indirect expenses.....	..do.....	320.7	90.2	(D)	99.9	25.6	(D)	4.1	3.3	11.6

See footnotes at end of table.

**Table 21. Detailed Statistics for the Onshore-Lower 48 States Grouped by Stripper Well Lease Specialization Ratio: 1978—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,340.8	399.5	202.1	441.8	105.2	28.2	52.8	38.2	73.1
Number of wells.....	Number.....	4,647	1,299	358	770	517	499	192	159	853
Total footage drilled.....	Thou. ft....	28,108	8,200	2,997	6,276	3,152	1,985	1,286	1,028	3,184
Exploration oil wells:										
Expenditures.....	Mil. dol....	378.0	98.5	34.8	111.7	28.6	22.9	10.7	1.8	68.9
Number of wells.....	Number.....	2,016	341	73	274	150	389	81	50	658
Total footage drilled.....	Thou. ft....	9,579	2,158	512	1,801	841	1,540	343	156	2,228
Exploration gas wells:										
Expenditures.....	Mil. dol....	836.4	228.1	119.9	271.1	46.0	17.9	76.8		76.5
Number of wells.....	Number.....	1,848	642	141	405	138	46	95		381
Total footage drilled.....	Thou. ft....	12,581	3,938	1,212	3,735	893	311	761		1,731
Development dry holes:										
Expenditures.....	Mil. dol....	621.7	158.3	80.2	200.7	57.6	23.3	32.0	12.7	56.9
Number of wells.....	Number.....	4,314	1,059	232	606	644	350	321	71	1,031
Total footage drilled.....	Thou. ft....	21,565	6,590	1,767	3,922	3,223	1,646	897	426	3,094
Development oil wells:										
Expenditures.....	Mil. dol....	1,659.5	407.3	181.3	640.6	134.9	72.3	89.2	12.6	121.2
Number of wells.....	Number.....	10,024	1,659	734	3,100	1,235	584	453	88	2,171
Total footage drilled.....	Thou. ft....	43,602	8,749	4,385	13,356	4,827	3,150	2,448	391	6,296
Development gas wells:										
Expenditures.....	Mil. dol....	1,899.6	466.2	282.2	778.1	166.3	49.4	71.4	17.0	69.0
Number of wells.....	Number.....	6,572	2,279	735	1,634	682	253	233	99	657
Total footage drilled.....	Thou. ft....	38,233	11,721	4,295	12,146	4,303	1,506	1,288	626	2,348
Expenditures for platforms.....	Mil. dol....	27.7	19.7	3.7	(D)	-	-	(D)	-	(D)
Drilling platforms <sup>2</sup> .....	..do.....	5.9	19.7	-	(D)	-	-	(D)	-	(D)
Production platforms <sup>3</sup> .....	..do.....	21.7	19.7	3.7	(D)	-	-	(D)	-	(D)
Gross book value of fixed assets (end of year) <sup>4</sup> :										
Oil and gas field properties.....	..do.....	68,064.8	14,394.6	10,604.1	30,562.6	5,124.9	1,204.3	1,795.3	835.1	3,543.9
Buildings, other structures, and machinery.....	..do.....	66,057.6	13,984.0	10,401.1	29,677.4	4,991.6	1,177.1	1,725.5	816.2	3,284.7
	..do.....	2,007.2	410.6	203.1	885.2	133.3	27.1	69.8	18.9	259.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.



# Appendix A

PENALTY FOR FAILURE TO REPORT

DUE DATE: June 15, 1979

Form Approved: O.M.B. No. 41-R2797

<p><b>Form MA-13K</b> 0-7-781</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS</p> <p style="text-align: center;"><b>1978 ANNUAL SURVEY OF OIL AND GAS</b></p>	<p><b>NOTICE</b> - Response to this inquiry is required by law (title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.</p> <p>In correspondence pertaining to this report please refer to this Census File Number</p> <p style="text-align: center;">↓</p>
<p>Please complete and return this form as soon as possible after receipt to</p>	<p><b>BUREAU OF THE CENSUS</b> 1201 East Tenth Street Jeffersonville, Indiana 47132</p>
<p><b>NOTE</b> - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.</p> <p>If book figures are not available, carefully prepared estimates are acceptable. Complete every item.</p> <p>If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.</p>	
<p><b>PLEASE RETURN THIS COPY</b></p> <p><small>Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.</small></p>	

## GENERAL INSTRUCTIONS

### ► PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

Form MA-13K for 1978 should be completed using your historic accounting method (i.e., comparable with the accounting method used for your 1977 report) rather than in conformance with FASB 19.

#### ► WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during the year is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during the year is required to submit data for column (m).

#### ► WHAT ACTIVITIES SHOULD BE REPORTED?

This report should include production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use; maintenance of equipment; and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ► WHAT PERIOD SHOULD REPORT COVER?

This report should cover the calendar year. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ► HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquids plants.

#### ► HOW SHOULD DATA BE ROUNDED?

All data entries except employment and net company interest well counts should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ► HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

**1. By Geographic Area** - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

**2. By Lease Classification** - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the producer pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

**3. By Operator** - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ► HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

**Bureau of the Census**  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State, and ZIP code)	Telephone	
			Area code	Number Extension
	This report is substantially accurate and covers the period from _____ to _____			
	Name of company		Address (Number and street, city, State, and ZIP code)	
	Signature of authorized person	Title	Date	

## 1978 ANNUAL SURVEY OF OIL AND GAS

1978 ANNUAL SURVEY OF OIL AND GAS																						
Line number	Item	Unit of measure	NET COMPANY INTEREST BASIS													GROSS OPERATOR BASIS		Line number				
			LEASE CLASSIFICATION																			
			GEOGRAPHICAL AREA				OPERATOR															
			Alaska		Lower 48		Oil leases	Gas leases	Combination leases	Company operated properties	Non-company operated properties	TOTAL OPERATOR ACCOUNT (m)										
Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)	(k)	(l)																	
1	I. SALES VOLUMES	Thousand barrels	01024	01032	01040	01057	01063	01073	01081	01099	01107	01115	1									
2	A. Total crude petroleum and condensate	Thousand barrels	02014	02022	02048	02055	02063	02071	02089	02097	02105	02113	2									
3	1. From stripper well leases (included in line 1)	Thousand barrels	03012	03020	03046	03053	03061	03079	03087	03095	03103	03111	3									
4	2. Lease condensate (included in line 1)	Thousand barrels	04010	04028	04044	04051	04069	04077	04085	04093	04101	04119	4									
5	B. Natural gas	Million cubic feet	05017	05025	05041	05058				05066	05108		5									
6	II. TOTAL LEASE REVENUES		06015	06023	06031	06056	06064	06072	06080	06098	06106	06114	6									
7	A. Total crude petroleum and condensate		07013	07021	07039	07054	07062		07088	07096	07104	07112	7									
8	1. Crude petroleum		08011	08029	08037	08045	08052	08078	08086	08094	08102	08110	8									
9	2. Lease condensate		09019	09027	09035	09043	09050	09076	09084	09092	09100	09118	9									
10	B. Natural gas		10017	10025	10033	10041	10058			10098			10									
11	C. Income received from oil and gas royalties		11015	11023	11031	11049	11056			11098	11106		11									
12	D. Other lease revenues from producing operations		12013										12									
13	III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)		13011										13									
14	A. Total exploration expenditures		14019	14027	14035	14043	14050	14058	14084	14092	14100	14118	14									
15	1. Total drilling and equipping wells		15016	15024	15032	15040	15057	15073	15081	15099	15107	15115	15									
16	a. Dry holes		16014	16022	16030	16048	16055	16063	16089	16097	16105	16113	16									
17	b. Oil wells		17012	17020	17028	17046	17053	17079	17087	17095	17103	17111	17									
18	c. Gas wells		18010	18028	18036	18044	18051	18077	18085	18093	18101	18119	18									
19	d. Work-in-progress adjustment		19018	19026	19034	19042	19059						19									
20	2. Lease and land acquisitions of nonproducing acreage		20016	20024	20032	20040	20057						20									
21	3. Land department, leasing, and scouting		21014	21022	21030	21048	21055						21									
22	4. Geological and geophysical		22012	22020	22028	22046	22053						22									
23	5. Lease rentals		23010	23028	23036	23044	23051						23									
	6. Test hole contributions												24									



# Appendix A—Continued

24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
7. Other exploration expenditures, including direct overhead	25015																					
8. General and administrative overhead not reported elsewhere	26013																					
B. Total development expenditures	27011	27029	27037	27045	27052	27060	27078	27086	27094	27102	27110											
1. Total drilling and equipping wells	28019	28027	28035	28043	28050	28058	28076	28084	28092	28100	28116											
a. Dry holes	29017	29025	29033	29041	29050	29056	29074	29082	29090	29108	29116											
b. Oil wells	30015	30023	30031	30049	30056	30072	30080	30088	30096	30106	30114											
c. Gas wells	31013	31021	31039	31047	31054	31062	31070	31088	31096	31104	31112											
d. Work-in-progress adjustment	32011	32029	32037	32045	32052																	
2. Lease equipment	33019	33027	33035	33043	33050																	
3. Lease and land acquisitions of producing acreage	34017	34025	34033	34041	34050																	
4. Fluid injection and improved recovery programs	35014																					
5. Other development expenditures, including direct overhead	36012																					
6. General and administrative overhead not reported elsewhere	37010																					
C. Total production expenditures	38018	38026	38034	38042	38059	38061	38075	38083	38091	38109												
1. Total direct operating expenditures	39016	39024	39032	39040	39057	39065	39073	39081														
a. Operating and maintenance	40012	40022	40030	40048	40055	40063	40071	40089														
b. Well workovers	41012	41020	41038	41046	41054	41062	41070	41088														
c. Other direct expenses	42012																					
2. Total indirect operating expenditures	43018	43026	43034	43042	43050																	
a. Taxes (excluding income taxes)	44016																					
b. General and administrative overhead	45012	45021	45039	45047	45054																	
c. Other indirect expenses																						
IV. TOTAL NUMBER EMPLOYED (For the pay period including March 12)																						

PLEASE COMPLETE LINES 47 THROUGH 74 ON PAGE 3 AND CERTIFICATION ON PAGE 1

FORM MA 13K (02-17-81)

NET COMPANY INTEREST BASIS													
Gross book value of fixed assets at the end of the year													
Geographic area													
ALASKA													
LOWER 48													
TOTAL UNITED STATES													
Asset reclassification of fixed assets during the year													
Retirements and disposition of fixed assets during the year													
Capitalized expenditures during the year													
Gross book value of fixed assets at the beginning of the year													
Line number													
Item													
(Thousand dollars)													
(a)													
V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS													
A. Total oil and gas field properties													
1. Nonproducing properties													
a. Leaseholds													
b. Other pre-development accounts													
2. Producing properties													
a. Leaseholds													
b. Intangible drilling and development accounts													
c. Lease and well equipment													
3. Work-in-progress													
a. Intangible drilling and development accounts													
b. Lease and well equipment													
B. Buildings, other structures, and machinery													
Line number													
Item													
(a)													
VI. DRILLING: PHYSICAL DATA FOR WELLS													
A. Exploration													
1. Dry holes													
a. Wells													
b. Total footage drilled													
2. Oil wells													
a. Wells													
b. Total footage drilled													
3. Gas wells													
a. Wells													
b. Total footage drilled													
B. Development													
1. Dry holes													
a. Wells													
b. Total footage drilled													
2. Oil wells													
a. Wells													
b. Total footage drilled													
3. Gas wells													
a. Wells													
b. Total footage drilled													
VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS, TOTAL													
a. Drilling platforms													
b. Production platforms													
Line number													
Item													
(a)													
VIII. METHOD OF ACCOUNTING													
(Mark only)													
1 <input type="checkbox"/> Successful efforts													
2 <input type="checkbox"/> Full cost													
3 <input type="checkbox"/> Other - Describe													
Remarks													

# Appendix A—Continued

MA-13K(1)  
(2-21-74)

1978 ANNUAL SURVEY OF OIL AND GAS

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

## INSTRUCTIONS FOR COMPLETING FORM MA-13K

### I. SALES VOLUMES

**Line 1 — Total crude petroleum and condensate** — Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquefy at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (j), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

**Line 2 — From stripper well leases (included in line 1)** — Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

**Line 3 — Lease condensate (included in line 1)** — Report the lease condensate sales volume included in total crude petroleum and condensate.

**Line 4 — Natural gas** — Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (j), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

### II. TOTAL LEASE REVENUES

**Line 5 — Total lease revenues** — Report the totals of lines 6, 9, 10, and 11.

**Line 6, 7, and 8 — Crude petroleum and condensate** — Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (j), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

**Line 9 — Natural gas** — Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenue from sales of unprocessed gas.

In columns (c) through (j), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and nonoperating working interest shares. Reasonable estimates for royalty and nonoperating working interest shares are acceptable if not known.

**Line 10 — Income received from oil and gas royalties** — Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

**Line 11 — Other lease revenue from producing operations** — Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

### III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

**Line 12 — Total expenditures (capitalized and expensed)** — Report on this line the totals of lines 13, 26, and 37. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 22 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 36, and 44, depreciation may be charged for office buildings, etc., where the total cash expenditures for such facilities are not reported elsewhere.

**Line 13 — Total exploration expenditures** — Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

**Line 14 — Total drillings and equipping wells** — Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

**NOTE:** For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

**Line 15 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total costs for drilling and equipping exploratory dry holes on properties which you operated. Include non-operator costs.

**Instructions for lines 16 and 17 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (j), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total costs for drilling and equipping successful exploratory wells on properties which you operated. Include non-operator costs.

### III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

**Line 16 — Oil wells** — Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

**Line 17 — Gas wells** — Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

**Line 18 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

**Line 19 — Lease and land acquisition of non-producing acreage** — In columns (c) through (j), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

**Line 20 — Land department, leasing, and scouting** — In columns (c) through (j), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing, and rentals which should be reported on lines 19 or 22.

**Line 21 — Geological and geophysical** — In columns (c) through (j), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

**Line 22 — Lease rents** — In columns (c) through (j), report the net Company interest in expenditures made during the year for lease rental and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures, which should be reported on line 20, and advance rentals which are actually in the nature of a bonus, which should be reported on line 19.

**Line 23 — Test hole contributions** — Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

**Line 24 — Other exploration expenditures, including direct overhead** — Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

**Line 25 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and research and development (R&D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

**Line 26 — Total development expenditures** — In column (c), report the totals of lines 27, 32, 33, 34, 35, and 36.

**Line 27 — Total drilling and equipping wells** — Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and reworked wells, but exclude expenditures for well workovers which are to be reported on line 40. Also exclude expenditures for service wells which are to be reported on line 34 or 35. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

**NOTE:** For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

**Line 28 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with development dry wells, expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures for drilling development dry holes.

In column (m), report the total costs for drilling and equipping development dry holes on properties which you operated. Include non-operator costs.

**Instructions for lines 29 and 30 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells; expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (j), report the net Company interest in all expenditures for drilling successful development wells.

In column (m), report the total costs for drilling and equipping successful development wells on properties which you operated. Include non-operator costs.

**Line 29 — Oil wells** — Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

**Line 30 — Gas wells** — Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

**Line 31 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

**NOTE:** Data for lines 32, 33, 34, and 35 are to be combined for reporting in columns (k) and (l).

Continue on reverse side

# Appendix A—Continued

## ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

**▶ Line 32 — Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater treaters, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

**▶ Line 33 — Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

Do not include acreage originally acquired as nonproducing acreage which has been transferred to producing acreage when production was obtained.

**▶ Line 34 — Fluid injection and improved recovery programs** — Include gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells, or other wells required for primary production operations. This is a component of other development expenditures, including direct overhead, line 35.

**▶ Line 35 — Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines 27, 32, 33, or 34 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for capital equipment constructed or purchased. Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

**▶ Line 36 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly identified on line 35. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accord with your company's allocation practice.

**▶ Line 37 — Total production expenditures** — Report on this line the totals of lines 38 and 42. Do not include expenditures applicable to gas processing plants or gas systems.

**▶ Line 38 — Total direct operating expenditures** — Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 39, 40, and 41.

**▶ Line 39 — Operating and maintenance** — Report the net Company interest in normal daily operating expenses such as wages and transportation for field personnel directly associated with oil and gas production, materials and supplies consumed, and field office expenses as well as surface repair and maintenance on lease equipment. Also report all other operating and maintenance expenses except work-over expense which is reported on line 40.

**▶ Line 40 — Well workovers** — Report the net Company interest in all expenditures directly related to well workovers including expensed material, contract labor, etc.

**▶ Line 41 — Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines 39 and 40. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)

**▶ Line 42 — Total indirect operating expenses** — Report on this line the totals on lines 43, 44, and 45.

**▶ Line 43 — Taxes (excluding income taxes)** — Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 35.

**▶ Line 44 — General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 36.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

**▶ Line 45 — Other indirect expenses** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 43 and 44. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

## ▶ IV. TOTAL EMPLOYMENT

**▶ Line 46 — Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during this pay period, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are storage warehouses, garages, repair shops, research, development, and testing laboratories.

## ▶ V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS

**▶ Column (b) and columns (f) through (j) — Total gross book value of fixed assets** — Enter the acquisition cost of the fixed assets on the books of this company. Report your own net company interest value before depreciation, depletion, and amortization of all oil and gas field assets, whether operated or non-operated, excluding the value of any assets belonging to others. In column (b), report the beginning of the year figures and in columns (f) through (j) report the end of the year figures.

If leases were acquired during the year, the value at the end of the year, columns (f) to (j), should represent your purchase cost adjusted for capital expenditures, column (c), and dispositions, column (d), since the time of purchase.

Include used assets purchased during the year at their market value at the time of acquisition rather than at the prior owner's book value.

**▶ Column (c) — Capital expenditures during the year** — Report the actual capital outlays during 1978, not the final value of expenditures put in place during the year. Capital expenditures during 1978 may be determined by the following computation: (a) the cost

## ▶ V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS — Continued

**▶ Column (c) — Capital expenditures during the year** — Continued

of additions completed during the year, plus (b) work-in-progress at the end of the year, minus (d) work-in-progress at the beginning of the year. Include labor and installation costs whether on contract or by your own labor force. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained.

Do not include the cost of maintenance and repairs charged as current operating expenses. Report replacements as well as additions to capacity for new depreciable assets. Report the value of improvements and capitalized repairs to machinery and equipment. Report expenditures for old or existing facilities and for secondhand equipment acquired from others (including the U.S. Government). Include the value of assets such as producing leases acquired from other operating companies during the year at your company's purchase cost. This column should exclude that portion of item III charged to current accounts during the year.

**▶ Column (e) — Asset reclassification adjustment** — Report the net adjustments in asset values necessary to balance beginning of the year to end of the year data for lines 48 to 58 when assets shift from nonproducing or work-in-progress categories. For example, adjustments are necessary to balance lines 50 and 52 when a leasehold changes from a nonproducing to a producing property (from column (b) to column (f)). Entries to work-in-progress categories may be negative or positive.

**▶ Column (k) — Depreciation, depletion, and amortization charges during the year** — Report the reduction in value of depreciable, depletable, or amortizable assets (reported in column (f)) brought about through use, gradual obsolescence, the effects of the elements (decay or corrosion), oil or gas extraction, etc. Include charges against assets acquired or completed during the year (generally for oil and gas field properties in the production phase of operations). Report cost of depletion as an allocation of wasting investment rather than percentage or statutory depletion used for Federal income tax purposes.

**▶ Column (l) — Accumulated depreciation, depletion, and amortization** — Report the balance of accumulated charges for depreciation, depletion, and amortization of assets carried on your bookkeeping records at the end of the year. This amount subtracted from column (f) should compute net fixed assets at the end of the year for lines 47 through 59.

Instructions for lines 47 through 59

In lines 47 through 59, column (b) plus column (c) minus column (d) plus column (e) should equal column (f).

Companies using the full cost method of accounting that do not maintain separate accounts for nonproducing, producing, and work-in-progress categories should make reasonable estimates of these breakdowns.

**▶ Line 47 — Total fixed assets and other related accounts** — Report your own net company interest in columns (b) through (j), whether operated or nonoperated. Report on this line the sum of lines 48 and 58.

**▶ Line 48 — Total oil and gas properties** — Report on this line the sum of lines 49, 52, and 56.

**▶ Line 49 — Nonproducing properties** — Report on this line the sum of lines 50 and 51.

**▶ Line 50 — Leaseholds** — Report the values of leases for undeveloped acreage and land held for exploration purposes. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands. Include the value of leaseholds for nonproducing properties where work is in progress.

**▶ Line 51 — Other pre-development accounts** — Report all other capitalized values including geological and geophysical expenditures, land department cost, etc., relating to undeveloped acreage. Companies using the full cost accounting method should include capitalized dry hole values for unproven leases.

**▶ Line 52 — Producing properties** — Report the values of properties which are producing, including shut-in leases. Report on this line the sum of lines 53, 54, and 55.

**▶ Line 53 — Leaseholds** — Report values of leases and land for producing acreage. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands.

**▶ Line 54 — Intangible drilling and development accounts** — Report values from capitalized intangible drilling and development accounts. Include wages, fuel, repairs, hauling, and supplies, incident to and necessary for the drilling of wells and the preparation of wells for production of oil and gas. Costs of drilling or development work done by contractors are also intangible drilling and development costs.

**▶ Line 55 — Lease and well equipment** — Report values for tangible well equipment such as casing, tubing, wellhead fittings, etc., and lease equipment such as flow tanks, field separators, heater treaters, and related field facilities. Include drilling and production platforms. Exclude mobile drilling rigs, transportation equipment, and field service equipment which should be reported on line 58. Values for items such as less water production and injection facilities, salt water disposal facilities, lease oil lines, lease gas gathering lines not part of gasoline or cycling plants, etc., should be included.

**▶ Line 56 — Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year end. Report on this line the sum of lines 57 and 58.

For new construction on other improvement projects in progress but not yet completed, include in the value of fixed assets the cumulative capital expenditures for such projects already in place at the beginning and end of the year, respectively. These accounts are not usually carried in depreciation, depletion, and amortization categories. Exclude the value of nonproducing leaseholds which should be reported on line 50.

**▶ Line 57 — Intangible drilling and development accounts** — Report the value of work-in-progress accounts for capitalized intangible drilling and development operations. Also see line 54 instructions.

**▶ Line 58 — Lease and well equipment** — Report values for tangible lease and well equipment for leases where work is in progress but wells and other lease facilities are not yet completed for production.

**▶ Line 59 — Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line 48. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Include a pro rata share of the value of centralized computer facilities used to monitor and control production, to optimize drilling rates or drilling mud mixtures, etc. Exclude non field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

## ▶ VI. DRILLING — PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR

For lines 60 through 71, columns (c) through (g), report the number of gas wells, oil wells and dry holes completed during the report year and the respective footage drilled on the basis of your net company interest in the wells. For example, if your company's share in the cost of drilling and equipping a well is on a 50 percent working interest basis and the well is drilled to total depth of 10 thousand feet, measured along the well bore, your company should report 0.5 well and 5 thousand feet of related footage drilled. The sum of your fractional interest for the number of wells should be rounded to the nearest tenth, i.e., 10.7 wells. For column (h) report the gross number of wells and footage drilled for which you were the operator. The number of wells and footage drilled data should be related to the expenditures reported under columns (c) through (g) and (m) for lines 15, 16, 17, 28, 29, and 30.

## ▶ VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS

Report total expenditures during the year for drilling and production platforms, whether such platforms were located on inland water or offshore. Drilling platform expenditures should be included in expenditures for drilling and equipping exploratory and development wells under lines 14 through 18 and lines 27 through 31. Expenditures for production platforms should be included under line 32. However, expenditures for drilling platforms and production platforms also should be reported under lines 72, 73, and 74.

IMPORTANT  
NOTE

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170.

## Appendix B

### DESCRIPTION OF SURVEY SAMPLE

#### 1978 Annual Survey of Oil and Gas

The 1972 Census of Mineral Industries (CMI) concentration listings, which arrayed companies in descending total value of shipments and receipts (TVS) order, was the universe from which the sample used for the 1978 Annual Survey of Oil and Gas was selected. The universe consisted of those companies classed as operators of crude petroleum and natural gas fields as defined by the 1972 Standard Industrial Classification (SIC) Manual. Companies selected from the crude petroleum and natural gas industry (SIC 1311) accounted for 94 percent (uninflated) of the total value of shipments and receipts of this class of companies in 1972.

In 1972, the largest 250 companies accounted for 92.7 percent of the industry's value of shipments and receipts of \$15,690.8 million. These 250 companies were selected with certainty. From the remaining group of about 5,400 companies, a stratified random sample of 250 companies was selected with probabilities proportionate to the average value of shipments in each stratum. The sample was augmented by the addition of about 60 companies, including oil and gas field contractors with secondary oil and gas operating revenues of \$2 million or more, and other companies with large nonoperating working interest in oil and gas field leases. Such companies were either identified in trade literature or by responses to a special coverage questionnaire sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

The Annual Survey of Oil and Gas sample frame omits secondary oil and gas field activities of some companies, companies without paid employees, companies inactive in a census year, and companies that are smaller than the mail out size of the various economic censuses that may have been improperly classified as to industrial activity.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate stratum weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.

2. Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.

3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for a few key statistics comprising the basic tabulations. Based on stratified random sampling, the variance ( $\sigma_x^2$ ) estimator used was

$$\sigma_x^2 = \sum_h [W_h (W_h - 1) \sum_i (X_{hi}^2 - \bar{X}_h^2)],$$

where

$W_h$  =  $h$ th stratum weight,

$X_{hi}$  = unweighted value for the  $i$ th company in the  $h$ th stratum,

$\bar{X}_h$  = average value of the data item for the  $h$ th stratum.

Relative standard errors ( $V_x$ ) were then obtained by the formula

$$V_x = \frac{\sigma_x}{X'},$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.



## Appendix C

### QUALIFICATIONS OF THE DATA

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimates for about two-thirds of all samples.

2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.

3. From three standard errors below to three standard errors above the derived estimate, almost always.

The following table contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

Table C-1. SELECTED STATISTICS AND RELATIVE STANDARD ERROR ESTIMATES:  
1978

Item	Reporting basis	
	Gross operator	Net company interest
Crude petroleum and condensate . . . . . Mil. dol. .	27,380.5	22,164.8
Natural gas. . . . . do. .	19,615.6	14,953.6
Assets (end of year) . . . . . do. .	(X)	106,107.3
Exploration drilling expenditures . . . . . do. .	4,883.5	4,137.7
Development drilling expenditures . . . . . do. .	8,069.4	6,839.1
Relative standard error estimates for—		
Crude petroleum and condensate . . . . . percent. .	2	2
Natural gas. . . . . do. .	2	2
Assets . . . . . do. .	(X)	1
Exploration drilling expenditures . . . . . do. .	3	4
Development drilling expenditures . . . . . do. .	2	2

(X) Not applicable.

For example, suppose an estimated total, is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 includes the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These

operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.



## Appendix D

### DATA ITEMS USED FOR COMPUTING RATIOS FOR DISAGGREGATIVE TABLES

(See appendix A for copy of report form and instructions)

Table number	Numerator line number(s) and column(s) on report form and instructions	Denominator line number(s) and column(s) on report form and instructions
<sup>1</sup> 7	6c	1c
8	9c	4c
9	5c - (37c + 47k)	47f - 47l
10	12c	5c
11	13c	12c
12	26c	12c
13	37c	12c
14	6h + 9h	6c + 9c
15	6i + 9i	6c + 9c
18	14c + 27c	13c + 26c
19	15c + 28c	14c + 27c
20	14c	12c
21	2f	1f

<sup>1</sup>The crude petroleum unit values used to disaggregate company data were obtained by dividing the crude petroleum and condensate revenue reported in line 6, column c by the quantity of crude petroleum and condensate reported in line 1, column c for each company. Ratios for other tables were derived in a similar manner.





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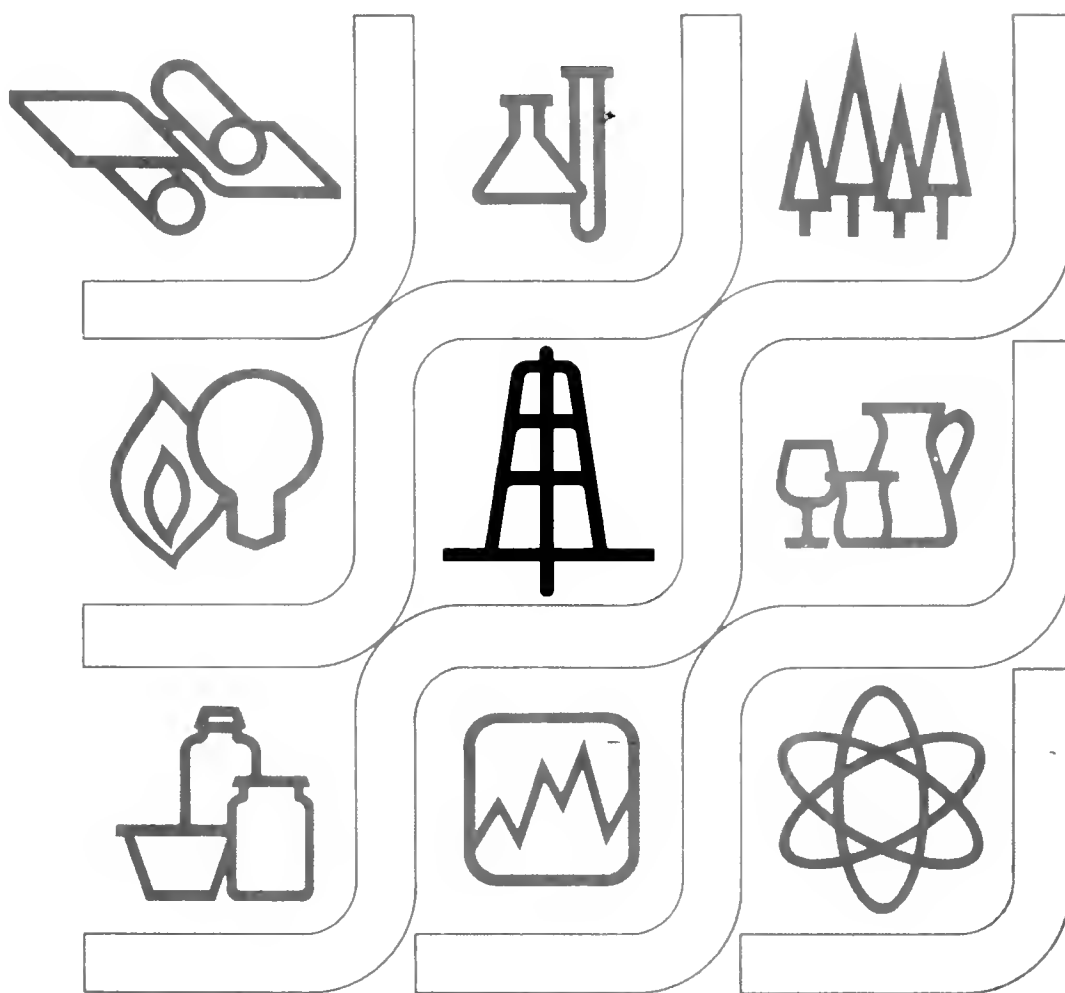
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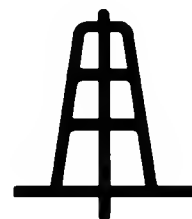




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# Current Industrial Reports

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## Annual Survey of Oil and Gas, 1979

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---

**ACKNOWLEDGMENTS**—This report was prepared in the Industry Division, Bureau of the Census, under the direction of **John P. McNamee**, Chief, Minerals Branch. **Frank W. Roy** was assisted by **Eddie J. Salyers** and **Hun Sik Kim** in the review of the data and preparation of the report. **Gerald Turnage** was assisted by **Kenneth Harris** in providing computer programming services. **Barbara Majewski** coordinated the support services with the Data Preparation Division. **Roger Bugenhagen**, Chief of the division, **Arthur W. Horowitz** (to January 1981), and **John Govoni**, provided overall direction and coordination to this project.

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# Introduction

## GROSS OPERATOR BASIS STATISTICS

### Revenues and Volumes

Revenues for crude petroleum, condensate, and natural gas on a gross operator basis<sup>1</sup> amounted to \$60,235 million in 1979 for the primary sample<sup>2</sup>, an increase of 31 percent from the 1978 figure of \$46,128 million.

Crude petroleum and condensate revenues accounted for 60 percent of 1979 revenues and amounted to \$35,950 million, an increase of 33 percent from the 1978 figure of \$27,002 million. The 1979 gross operator sales volume of 2,992 million barrels of crude petroleum and condensate was 4 percent less than the 1978 level of 3,109 million barrels. The average unit values of crude petroleum increased by 70 percent from 1973 to 1974. Annual price changes for crude petroleum had been moderating from 1974 to 1978. Unit values changes for crude petroleum returned to a higher rate of 38 percent from 1978 to 1979. The cumulative price increase for the years 1973 to 1979 was 208 percent. These changes and other trends in levels of sales volumes and revenues for crude petroleum statistics on a gross operator basis are depicted in chart A.

Unlike crude petroleum, natural gas revenue increases have been spread more uniformly over the seven years covered by this survey. Revenues for natural gas increased about 35 percent in each year from 1973 to 1977, 17 percent from 1977 to 1978, and 27 percent from 1978 to 1979, resulting in an overall increase in gas revenues of 380 percent from 1973 to 1979. During this same period, natural gas unit values increased by 439 percent. This higher percentage reflects the decrease in natural gas sales volumes from 22,315 billion cubic feet in 1973 to 19,614 billion cubic feet in 1979. Natural gas sales volumes decreased 2 percent from 1973 to 1974, 7 percent from 1974 to 1975, 3 percent from 1975 to 1976, 2 percent from 1976 to 1977, and 1 percent from 1977 to 1978. The 1978 to 1979 expansion of sales volumes of 2 percent was the only natural gas production increase at the national level reflected by this survey

since 1973. These trends in the levels of revenues, sales volumes, and average unit values for natural gas on a gross operator basis are illustrated in chart B.

### Expenditures

Gross operator expenditures for drilling and equipping wells completed during 1979 totaled \$14,416 million. This was a 30 percent increase over the 1978 figure of \$11,117 million. In 1979, expenditures for completed development wells amounted to \$8,237 million. This continued the 1973 to 1978 trend where expenditures for development well completions exceeded those for exploration well completions. Between 1977 and 1979, the rate of increase in expenditures for exploration well completions was greater than the rate of increase for development well completions. This is a reversal of the 1974 to 1977 trend.

During 1979, expenditures for completed gas wells amounted to \$6,140 million, exceeding expenditures for completed oil wells which were \$3,986 million. Similarly, the 1978, 1977, and 1976 expenditures for completed gas wells exceeded expenditures for completed oil wells (by 44, 18, and 22 percent respectively). During 1973, 1974, and 1975, expenditures for completed oil wells slightly exceeded expenditures for completed gas wells. From chart C it can be seen that gas development wells, rather than exploratory wells, were responsible for the sizable increase in expenditures for completed gas wells.

Table A shows the percentage of drilling and equipping expenditures that resulted in producing wells. It can be seen that this success rate has fluctuated over the 1973 to 1979 period. The success rate for development wells has shown less variation than the rate for exploration wells.

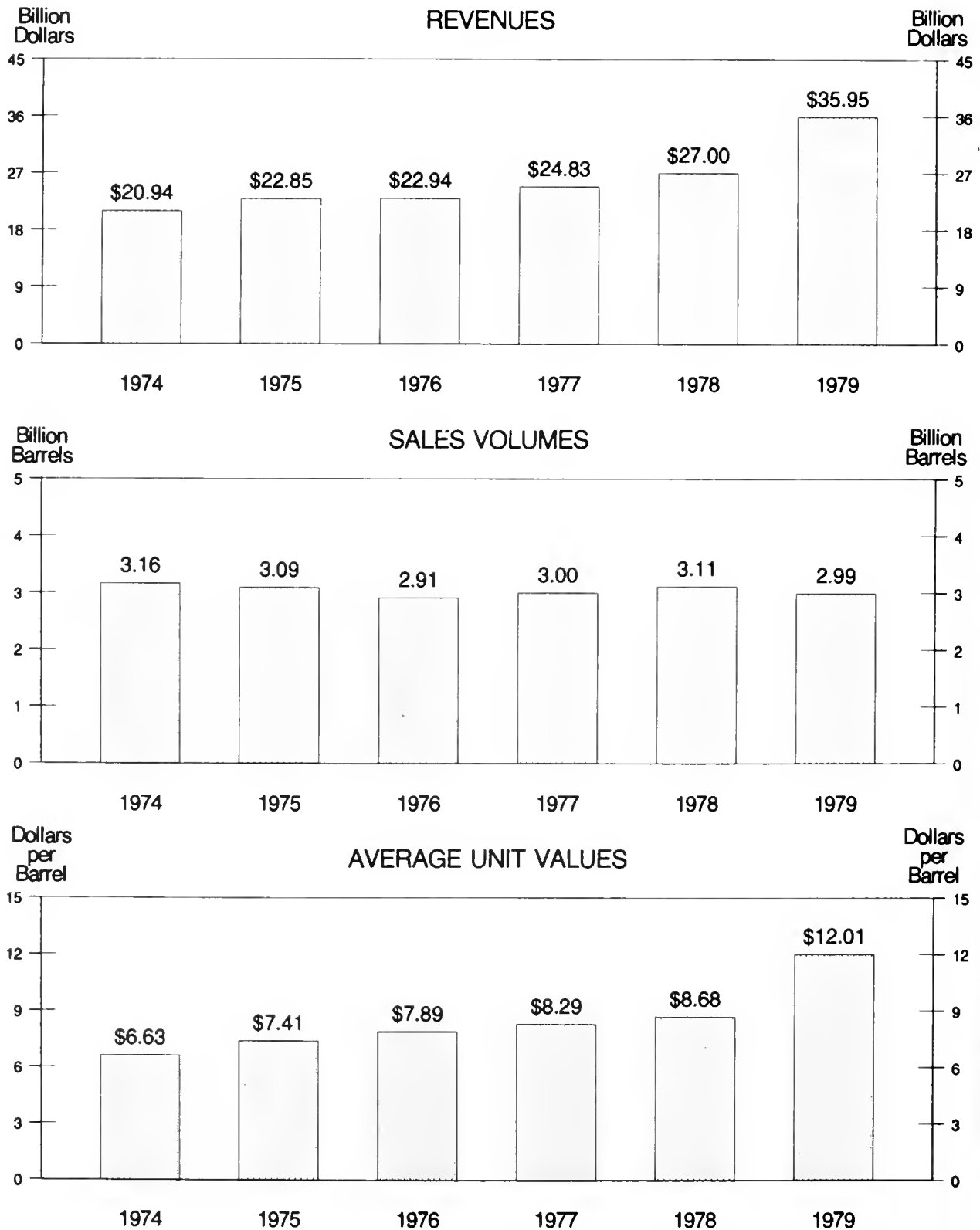
From table B it can be determined that exploration wells from gas leases have had a greater success rate than have exploration wells from oil leases. Conversely, development wells from oil leases have had a slightly higher success rate than have development wells from gas leases.

The drilling success rate is a function of a number of factors such as expected product prices, estimates of recoverable reserves, and operating costs which determine whether a project is economical. A dry hole is defined as a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well. This category, in conformance with standard industry nomenclature, includes wells which are temporarily abandoned even though substantial quantities of oil and gas may have been discovered. Separate data for these wells are not available.

<sup>1</sup> See section, "Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1979" for definition of terms.

<sup>2</sup> For 1979, a new sample of respondents was selected from the 1977 Census of Mineral Industries which is designated the primary sample. A supplemental sample of oil and gas field operators was selected from a list of companies identified in the American Association of Petroleum Geologists/American Petroleum Institute well-ticket file that were not in the 1977 Census of Mineral Industries universe. Figures used in the text of this report only represent the primary sample. Statistics for the supplemental sample are presented in tables 1, 17, and 23A. See appendixes B and C for further detail on the survey sample and qualifications of data.

CHART A. Crude Petroleum and Lease Condensate  
Revenues, Sales Volumes, and Average Unit Values  
1974 to 1979  
(Gross operator basis)



**CHART B. Natural Gas**  
**Revenues, Sales Volumes, and Average Unit Values**  
**1974 to 1979**  
**(Gross operator basis)**

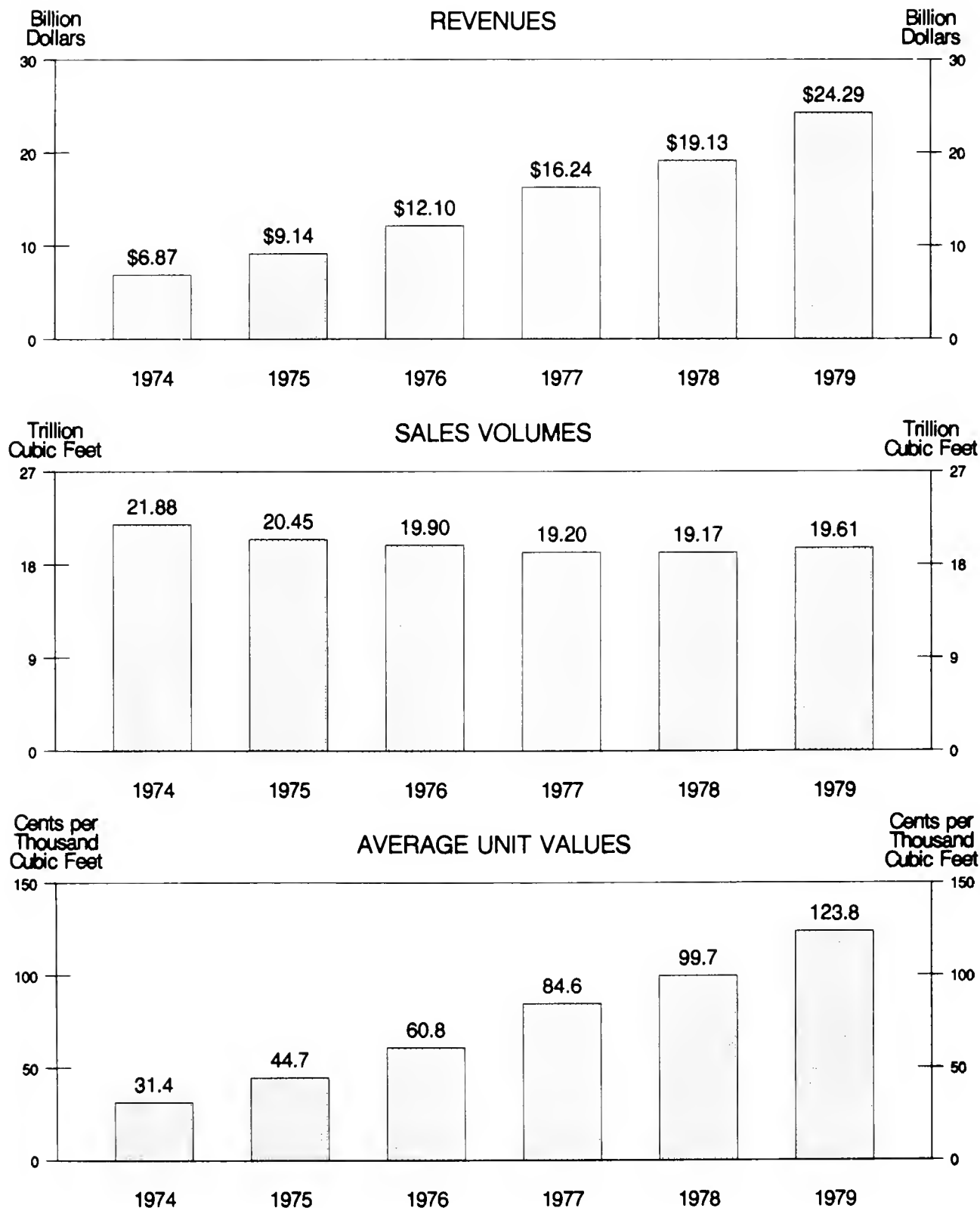
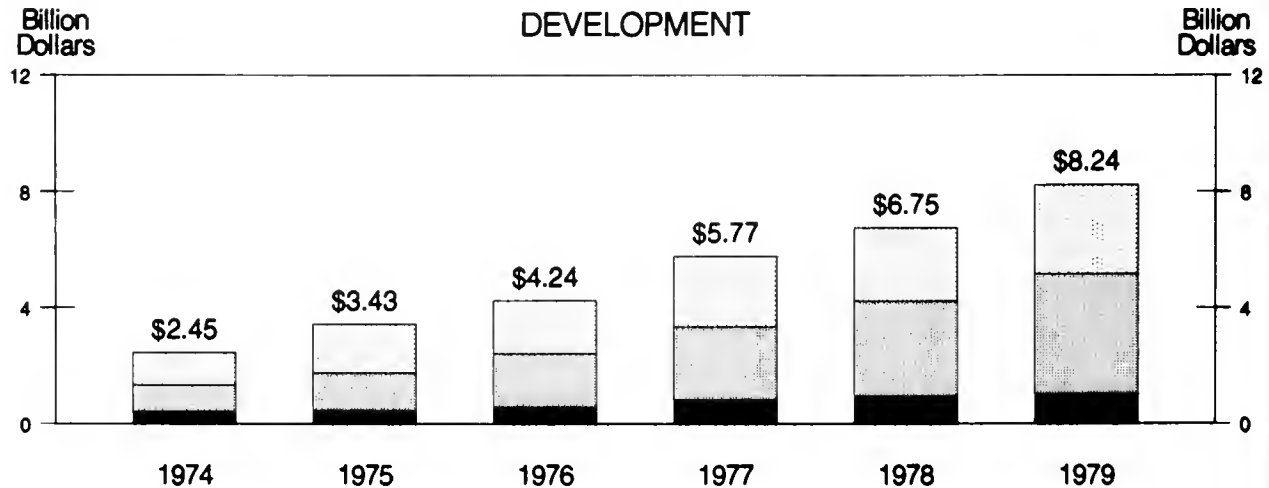
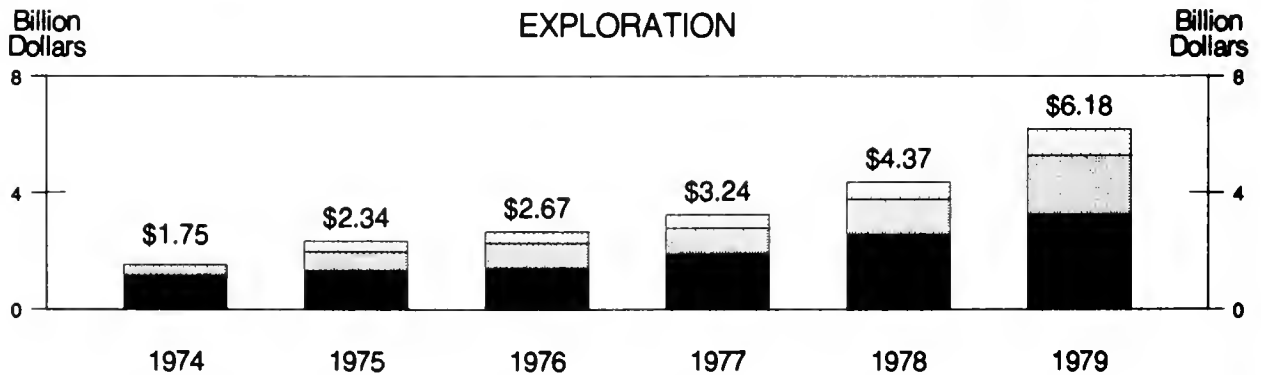
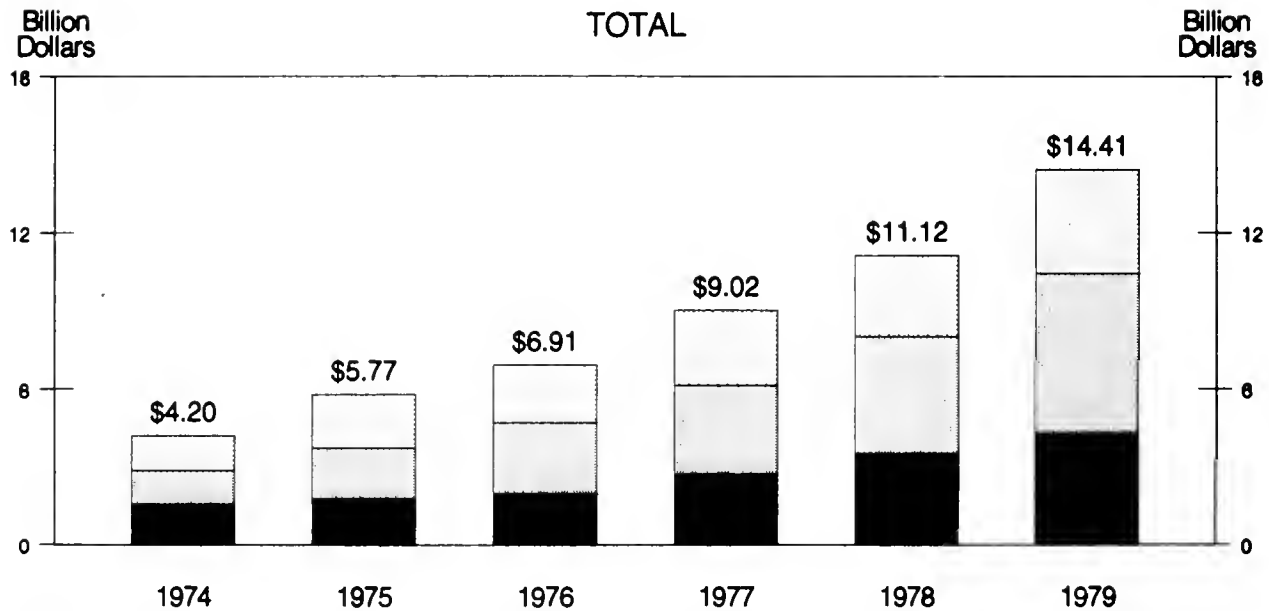
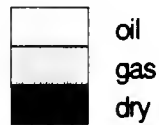


Chart C. Expenditures for Wells Completed  
During the Year: 1974 to 1979  
(Gross operator basis)



Since 1973, expenditures for drilling and equipping wells incurred within each year have been greater than expenditures for wells completed during each year. However, in 1977, the rate of increase for these expenditures was less than the rate of increase for wells completed during the year. This was the result of a substantial shift in North Slope wells from the work-in-progress category to completed wells when the Trans-Alaskan pipeline became operational. The 1977 decrease in the total and development work-in-progress adjustment figures also represent the only decreases in any gross operator drilling expenditure category for all companies since 1973. These and other relationships for gross operator statistics for the years 1973 to 1979 are shown in tables 1 and 2 of this publication.

For 1979, the number of wells (33,973) and total footage drilled (192,407 thousand feet) increased 3 and 1 percent respectively over their 1978 levels. Concurrently, costs of drilling and equipping wells increased 30 percent from 1978 to 1979. The 27 to 29 percent difference between the latter measure and the former measure is largely attributable to inflation although no adjustments have been made for well type, geographic area, geological formation, well depth, or technological change. Chart D illustrates that while most of the footage drilled was accomplished by smaller companies, larger companies drilled deeper wells and had higher costs per foot for their drilling and equipping operations. Figures for chart D were derived from table 21.

Table A. Drilling Expenditures and Success Rates, by Type of Well: 1973 to 1979

(Gross operator basis)

Year	Total			Exploration wells			Development wells		
	Expenditures for all wells completed (mil. dol.) (A)	Expenditures for successful wells (mil. dol.) (B)	Success rate (col. B ÷ col. A) (percent) (C)	Expenditures for all wells completed (mil. dol.) (D)	Expenditures for successful wells (mil. dol.) (E)	Success rate (col. E ÷ col. D) (percent) (F)	Expenditures for all wells completed (mil. dol.) (G)	Expenditures for successful wells (mil. dol.) (H)	Success rate (col. H ÷ col. G) (percent) (I)
1979 .....	14,415.5	10,126.3	70	6,178.6	2,921.7	47	8,236.9	7,204.6	88
1978 <sup>r</sup> ....	11,117.3	7,603.1	68	4,366.7	1,798.2	41	6,750.6	5,804.9	86
1977 <sup>r</sup> ....	9,016.6	6,293.4	70	3,244.9	1,346.0	42	5,771.7	4,947.4	86
1976 .....	6,908.1	4,935.4	71	2,665.5	1,258.8	47	4,242.6	3,676.6	87
1975 .....	5,775.5	4,006.2	69	2,341.9	1,024.3	44	3,433.6	2,981.9	87
1974 .....	4,198.5	2,636.2	63	1,753.5	596.9	34	2,445.0	2,039.3	83
1973 .....	2,889.1	1,970.3	68	1,010.7	349.8	35	1,878.4	1,620.5	86

<sup>r</sup>Revised.

Table B. Drilling Success Rates for Oil and Gas Leases: 1973 to 1979

(Net company interest basis)

Year	Success rate (percent)					
	Oil leases		Gas leases		Combination leases	
	Exploration	Development	Exploration	Development	Exploration	Development
1979 .....	50	89	51	86	29	88
1978 .....	36	87	52	85	25	88
1977 .....	36	90	53	85	32	86
1976 .....	42	89	50	85	34	87
1975 .....	44	90	51	83	33	86
1974 .....	38	89	45	82	24	84
1973 .....	37	89	44	83	39	87

## NET COMPANY INTEREST BASIS STATISTICS

### Revenues, Volumes, and Expenditures

The major portion of the Annual Survey of Oil and Gas is concerned with statistics reported on a net company interest basis.<sup>3</sup> Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totaled \$28,938 million in 1979 with a corresponding volume of 2,456 million barrels. Natural gas revenues were \$18,170 million with a corresponding quantity of 14,787 billion cubic feet. The 1979 unit value for crude petroleum and lease condensate on a net company interest basis (\$11.78 per barrel) varied by about 2 percent from the unit value on a gross operator basis (\$12.01 per barrel). The net company interest unit value for natural gas was \$1.23 per thousand cubic feet while on a gross operator basis it was \$1.24 per thousand cubic feet, a difference of less than 1 percent.

The distribution of crude petroleum and condensate sales during 1979, 1978, and 1977 based on the average unit value calculated for each company is shown in chart E. Since reporting for this survey is done at the company level, all crude petroleum and condensate sold by a company was assigned that company's average sales value for purposes of the chart. Thus, the 612 million barrels shown for 1979 for the range \$10.50 to \$10.99 represents the total sales volumes of all companies with an average price per barrel within that range. The figure may differ substantially from the actual quantity sold by all companies at a price within this range.

The distribution of natural gas sales during 1979, 1978, and 1977 based on the average unit value calculated for each company is shown in chart F. This chart was developed using the same methodology as used for chart E. It should be noted that this survey does not collect separate information on intracompany transfers (e.g., transfers within integrated oil and gas companies), nor does it provide a breakdown of interstate and intrastate gas sales. Thus, a complete assessment of the meaning of these distributions is not possible. Another factor contributing to the fluctuations in these distributions is the long-term contracts that are amended or renegotiated from year to year. This results in significant shifts in the volumes distributed in the various unit value ranges since recently revised contracts generally have substantially higher prices than those of the past.

The 1978 and 1977 average unit values for offshore crude petroleum increased more than those for onshore crude petroleum (chart G, part 1). During the 1973 to 1975 period, as well as for 1979, the value of crude produced onshore showed the greater increase in average unit value. The natural gas unit value for offshore areas increased relatively more than the corresponding figure for onshore areas for 1977, 1978, and 1979. This reversed the year-to-year unit value pattern of natural gas from 1973 to 1976 (chart G, part 2).

Chart H compares drilling statistics for onshore and offshore wells completed during 1979 by well type (oil, gas, and dry wells).

## Stripper Well Statistics

Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have generally shown a positive relationship to price increases. Stripper well output, which is sold at uncontrolled prices, increased 46 percent from 1973 to 1979. Between 1973 and 1979, the average unit value of crude petroleum and condensate for companies with 60 percent or more stripper well lease specialization in the onshore lower 48 States increased 384 percent, from \$3.55 per barrel to \$17.17 per barrel (table C), while the rate of increase for all companies was 216 percent. The stripper well lease proportion of crude petroleum and condensate volumes has gradually increased from 7.8 percent in 1973 to 12.3 percent in 1979. The higher level of sales of crude petroleum from stripper well leases may, in part, be attributed to the higher prices paid for stripper output. The significant increase in prices for stripper output between 1973 and 1979 more than offset increases in operating costs, tending to extend the economic life of marginal wells and thereby increasing total stripper lease output. Table C partially illustrates this point. Note that in 1973, when for three-quarters of the year crude petroleum prices were not regulated, no definite pattern of prices appeared by stripper well lease specialization ratio, while from 1974 to 1979 prices tended to decrease as companies became less specialized in stripper well output. In all years the relative amount of expenditures to revenues tended to be greater for companies with larger shares of output from stripper wells. The relatively greater price increases for companies with higher proportions of stripper output enabled them to increase stripper output since costs did not increase as much as their product prices. Part of the price/cost advantage obtained from 1973 to 1974 was lost during the 1974 to 1978 period. This is illustrated by the ratio of direct operating expenditures to lease revenues shown in table C. Table C also shows a tendency for output to come increasingly from companies in progressively higher stripper well lease specialization groups; e.g., the share of output from companies with less than 5 percent specialization decreased from 50 percent of the lower 48 State's output in 1973 to 19 percent in 1979, whereas companies within the .100 to .199 range increased from 7 percent in 1973 to 50 percent in 1979.

## Company Distributions

Chart I shows the amounts of various items accounted for by the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenue values. Part 1 presents the oil and gas revenues of these groups of companies. The largest eight companies' domestic oil and gas revenues of \$21.1 billion in 1979 amounted to 45 percent of all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the revenue figure, the largest eight companies ownership share (of 1979 gross operator revenues) was reduced to 35 percent. The ownership share of the largest eight companies has tended to decrease since 1973 when their share was 42 percent. Part 2 of

<sup>3</sup> See footnote 1.



CHART D. Drilling Statistics for Companies  
Ranked by Total Lease Revenues: 1979  
(Gross operator basis)

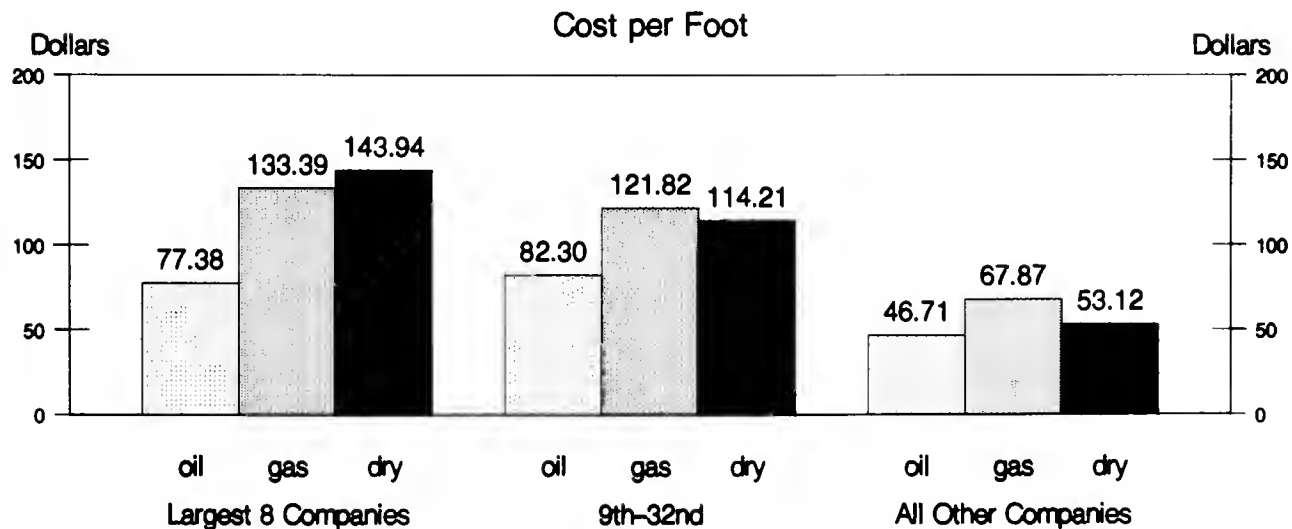
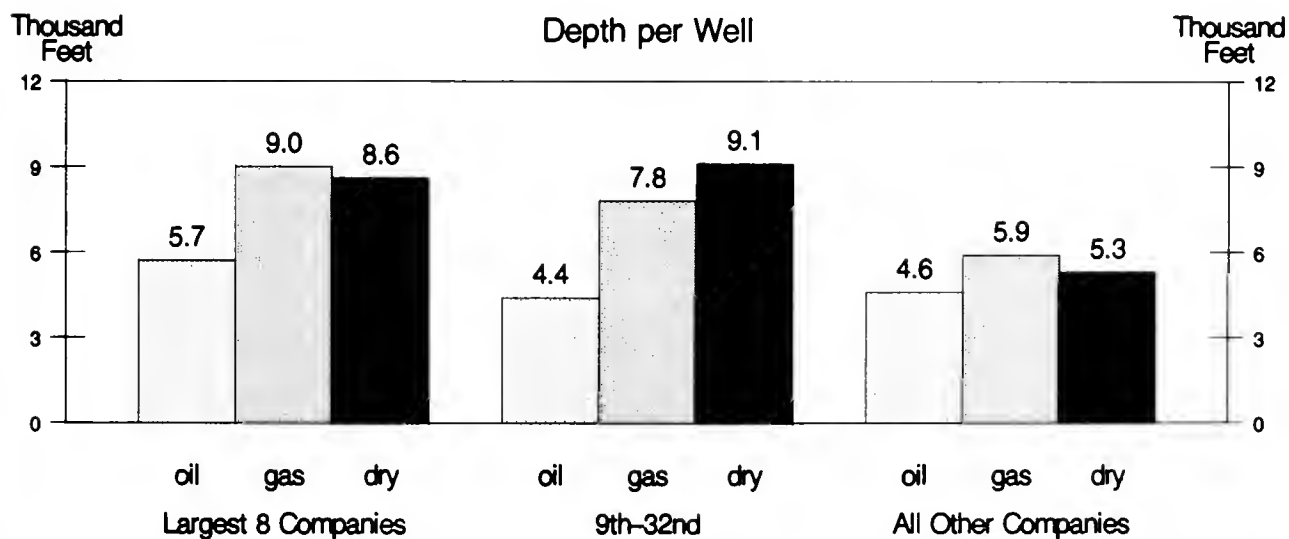
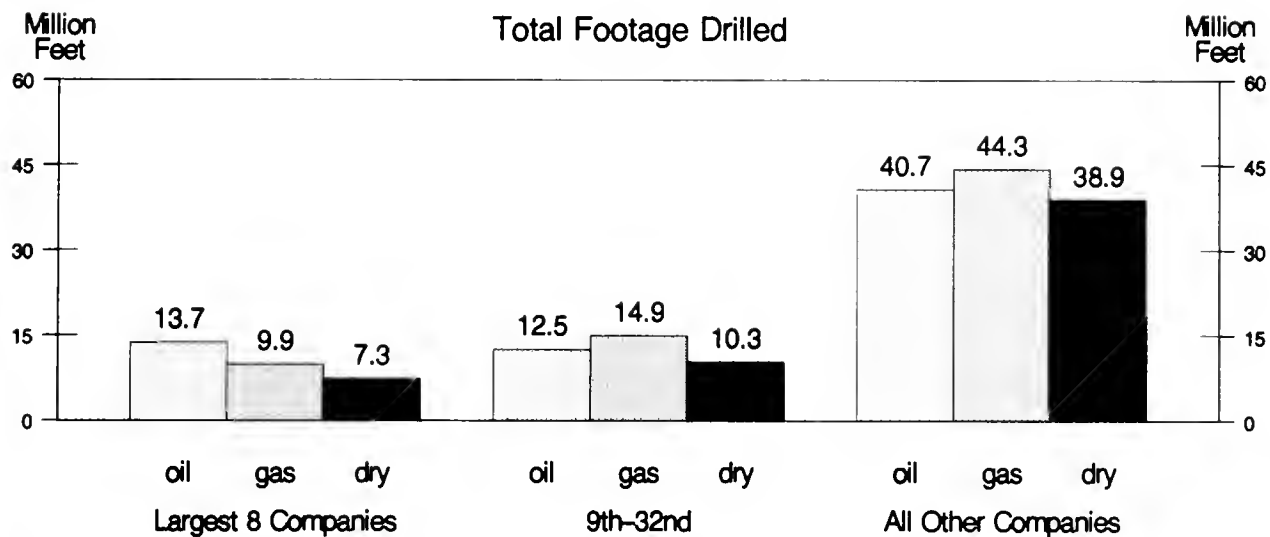


CHART E. Distribution of Crude Petroleum and Lease Condensate  
Sales Volumes Based on the Average Unit Value  
of Each Company (Dollars per Barrel)  
1977 to 1979  
(Net company interest)

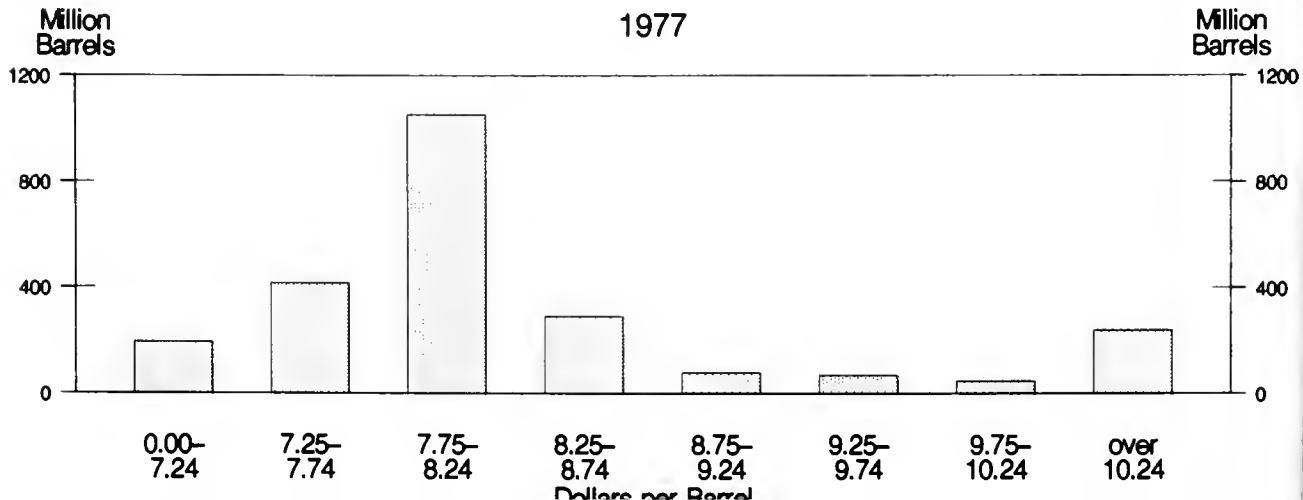
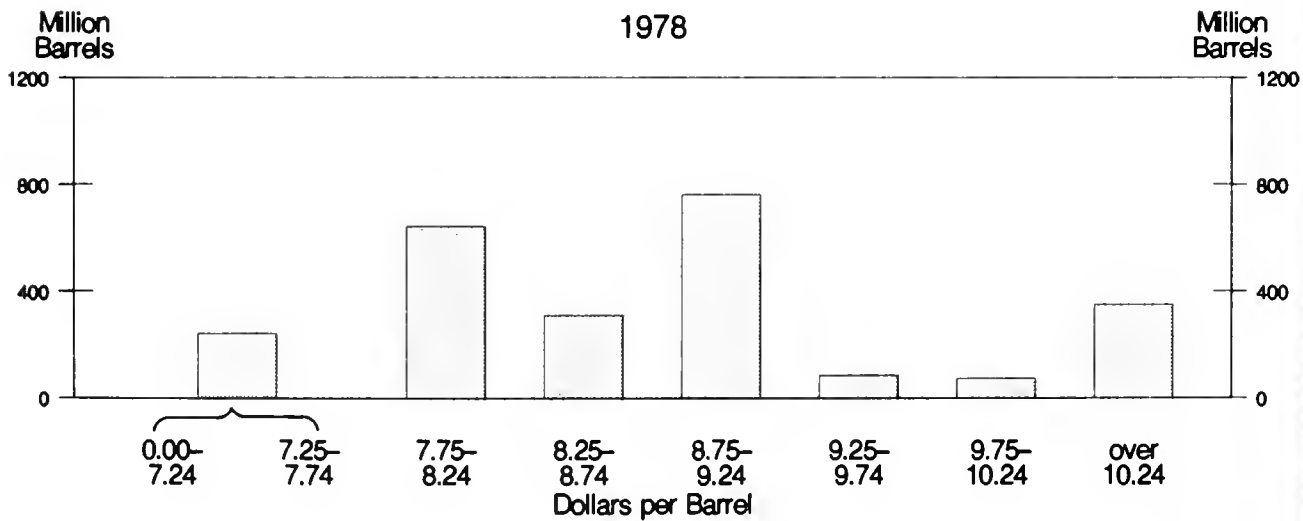
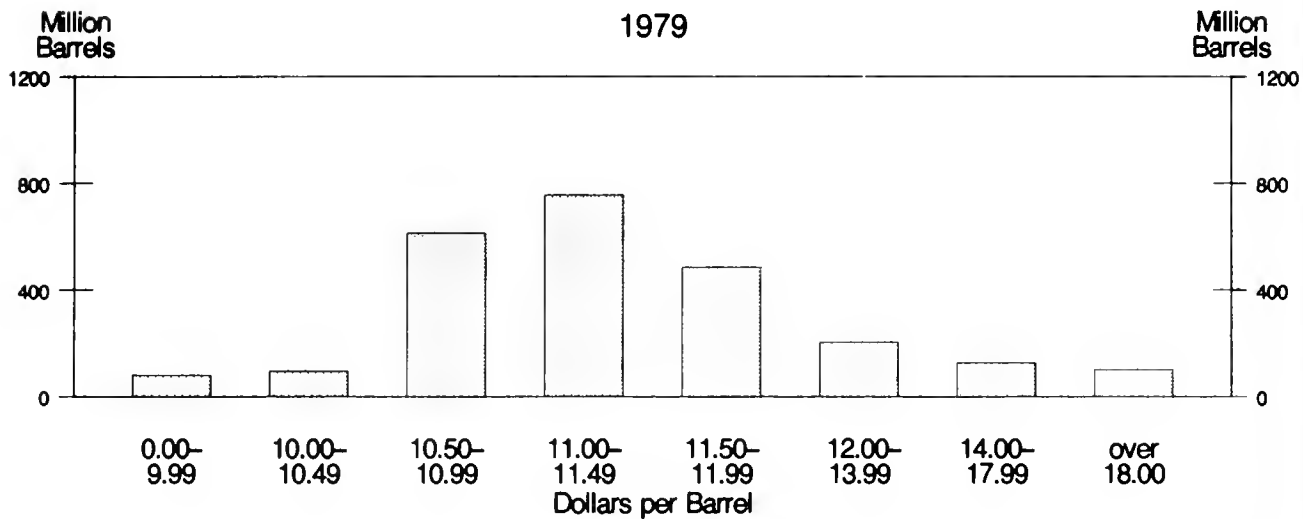


CHART F. Distribution of Natural Gas  
Sales Volumes Based on the Average Unit Value  
of Each Company (Cents per MCF)  
1977 to 1979  
(Net company interest)

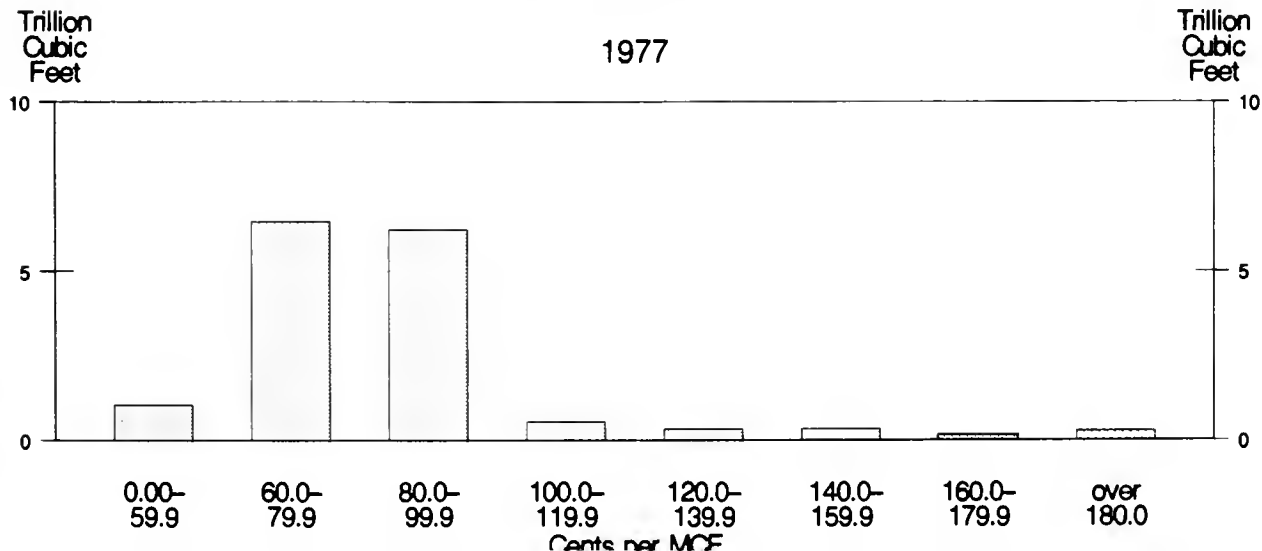
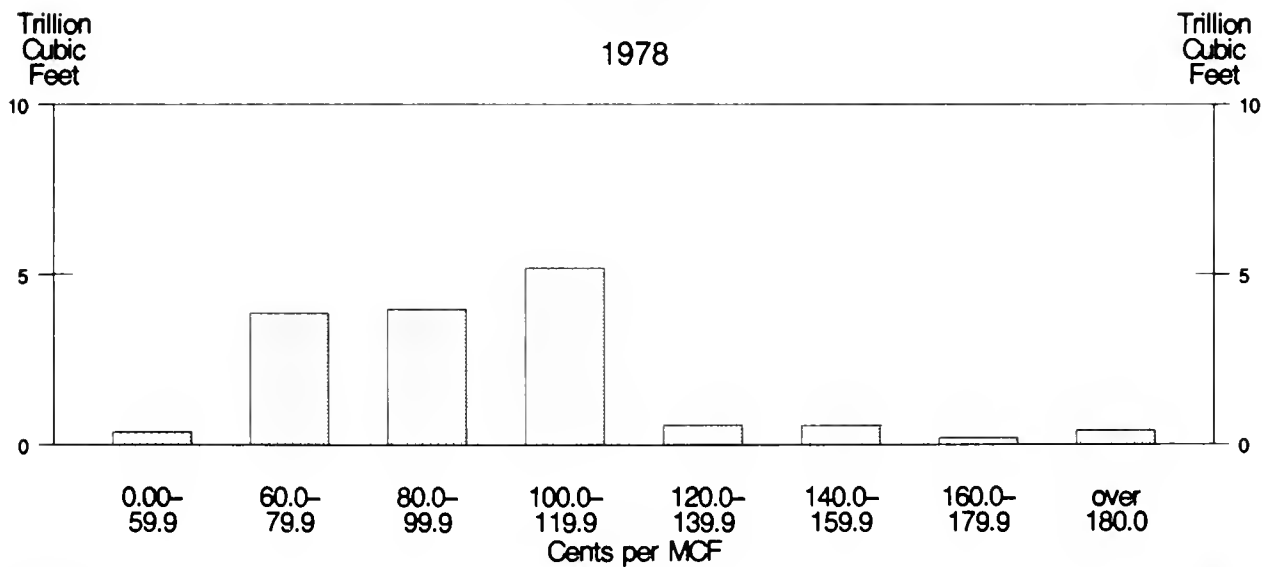
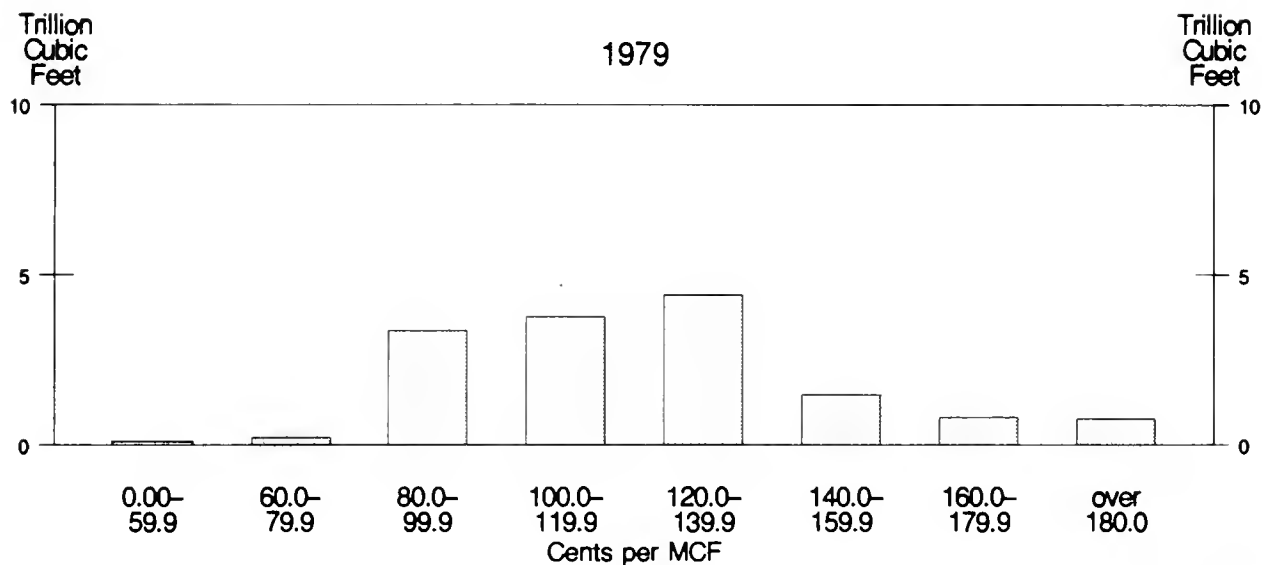


CHART G. Part 1.  
Average Unit Values of Onshore and Offshore  
Crude Petroleum and Lease Condensate: 1974 to 1979  
(Net company interest)

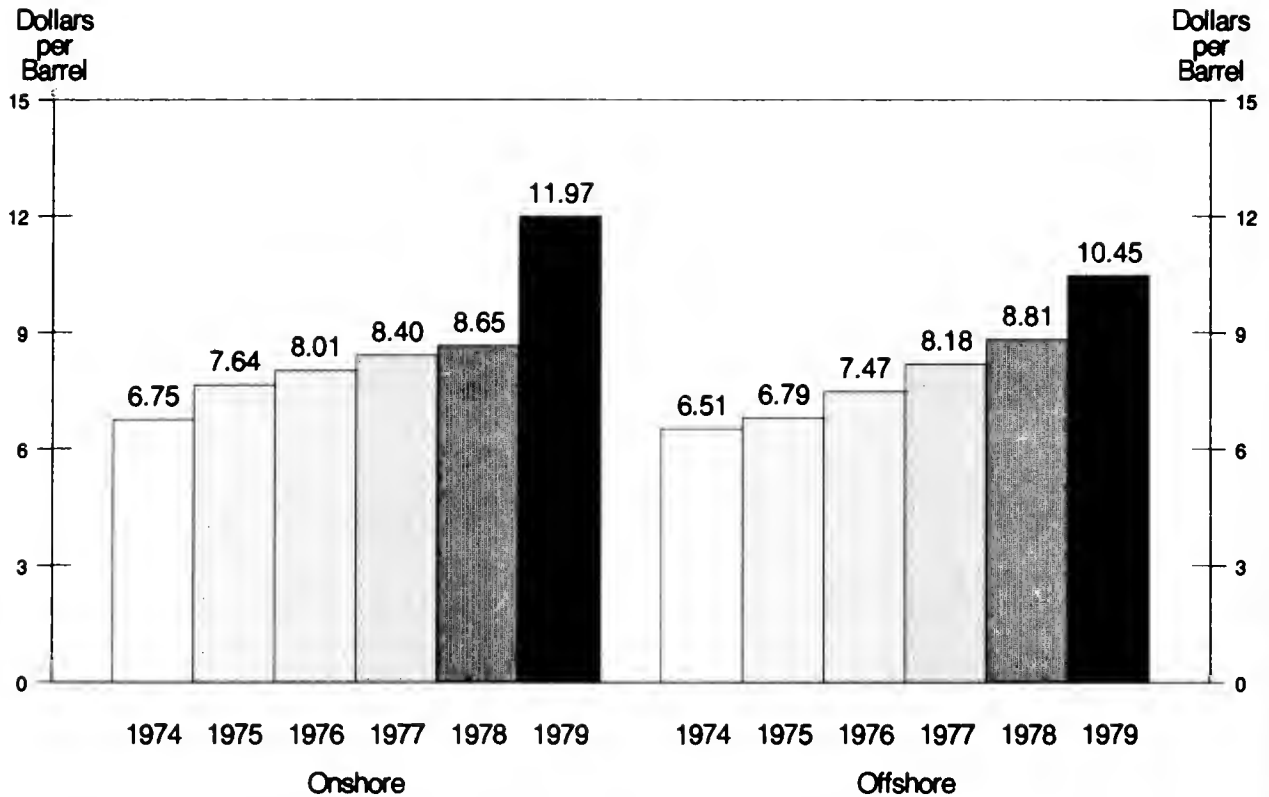


CHART G. Part 2.  
Average Unit Values of Onshore and Offshore  
Natural Gas: 1974 to 1979  
(Net company interest)

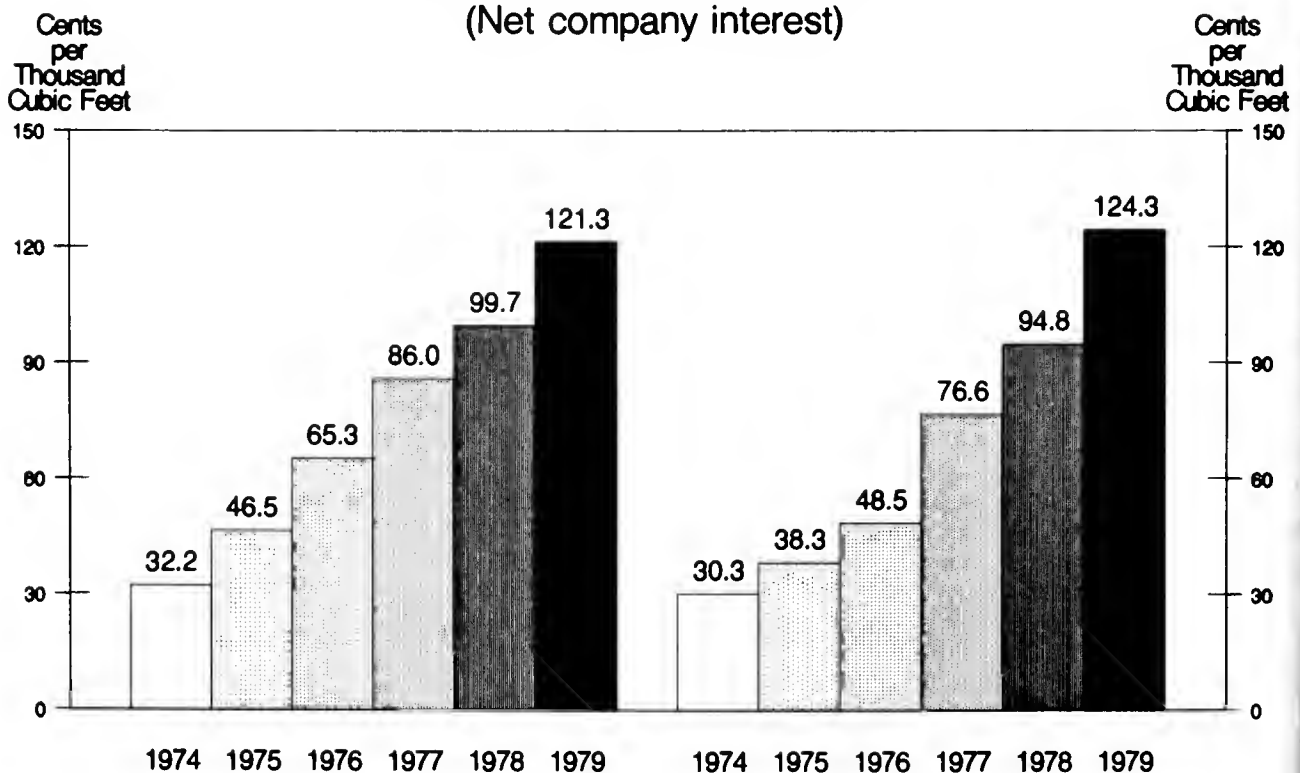
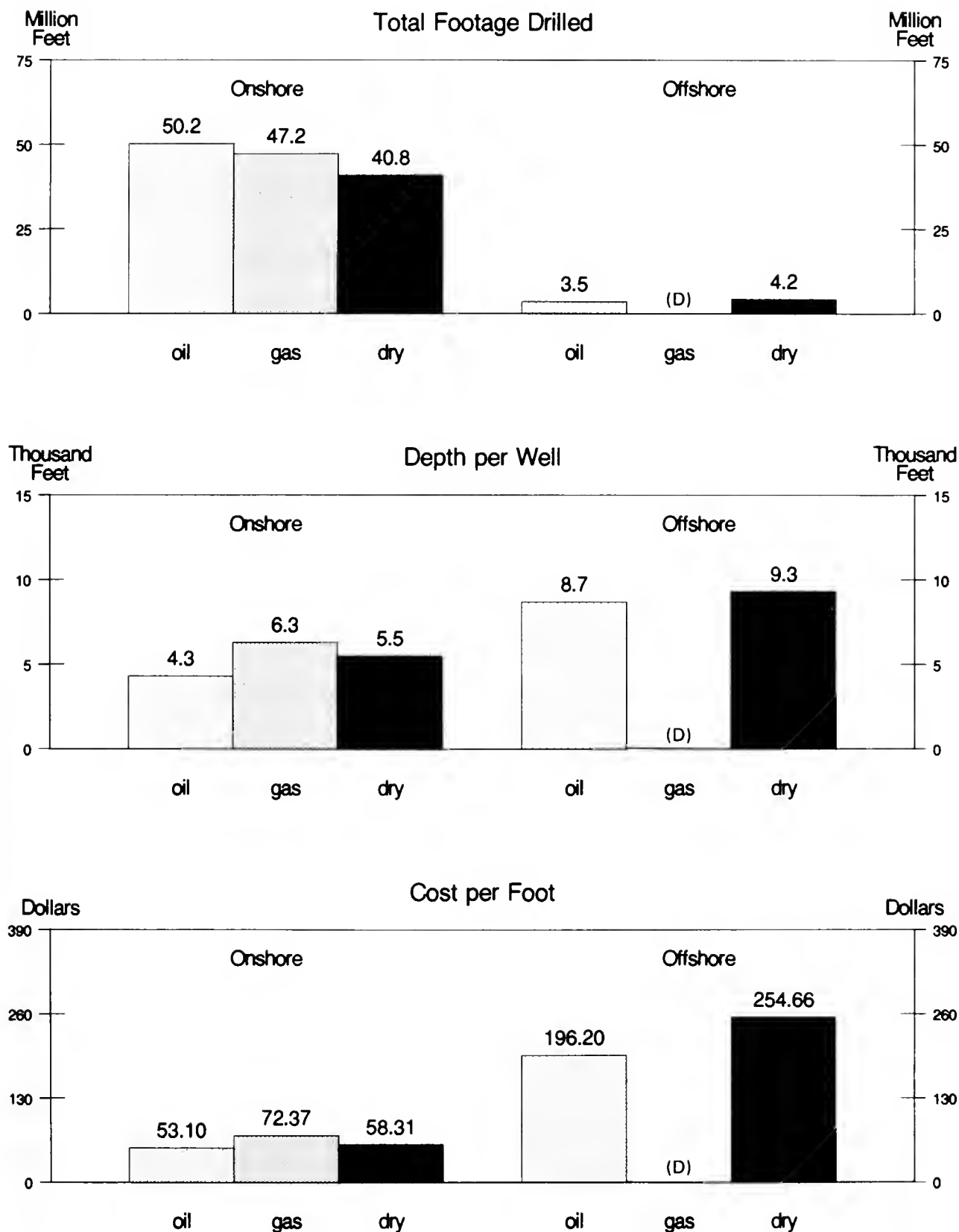


CHART H. Drilling Statistics for Onshore and Offshore Wells Completed During 1979  
(Net company interest)



(D) Withheld to avoid disclosing figures for individual companies.

CHART I. Distribution of Selected Items for Companies  
Ranked by Total Lease Revenues:  
1974 to 1979  
(Net company interest)

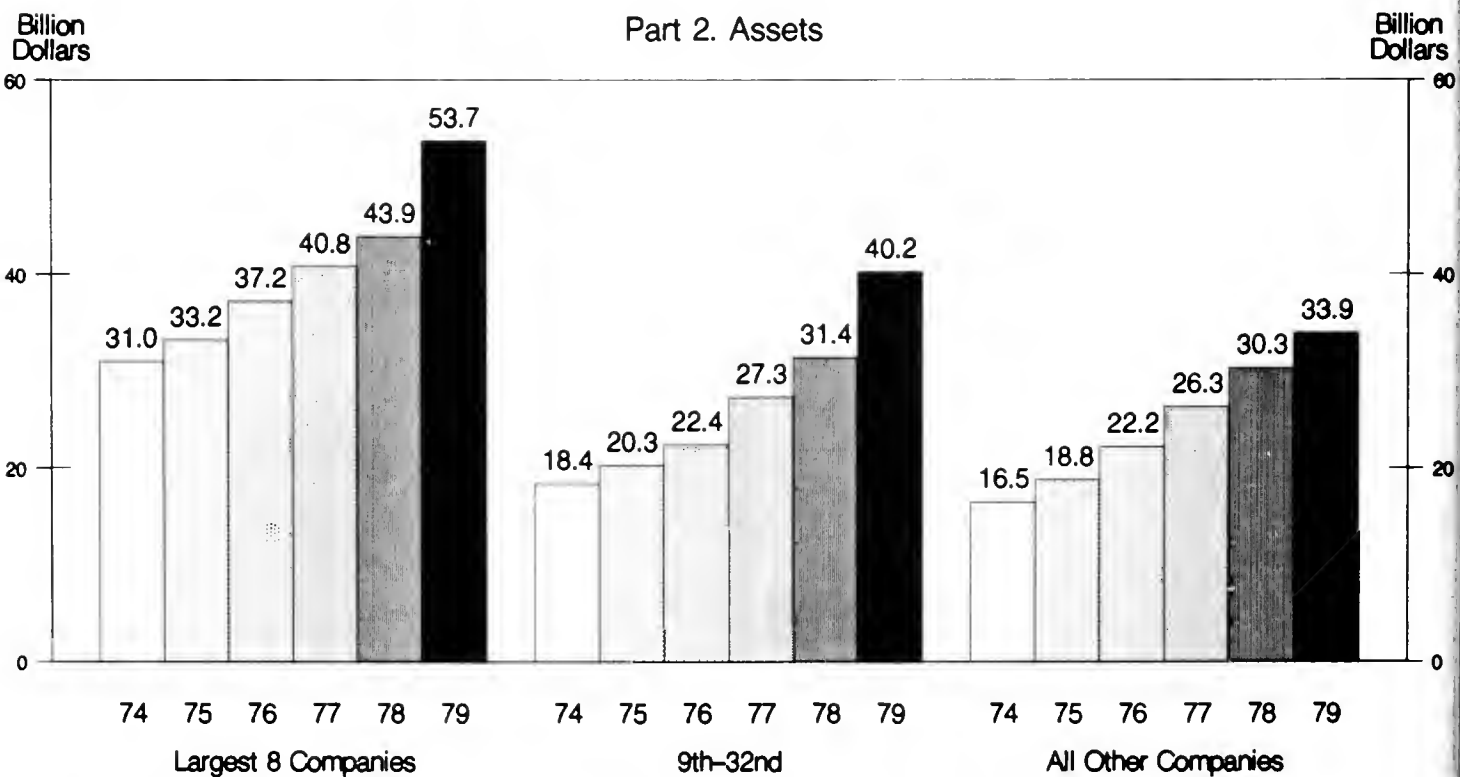
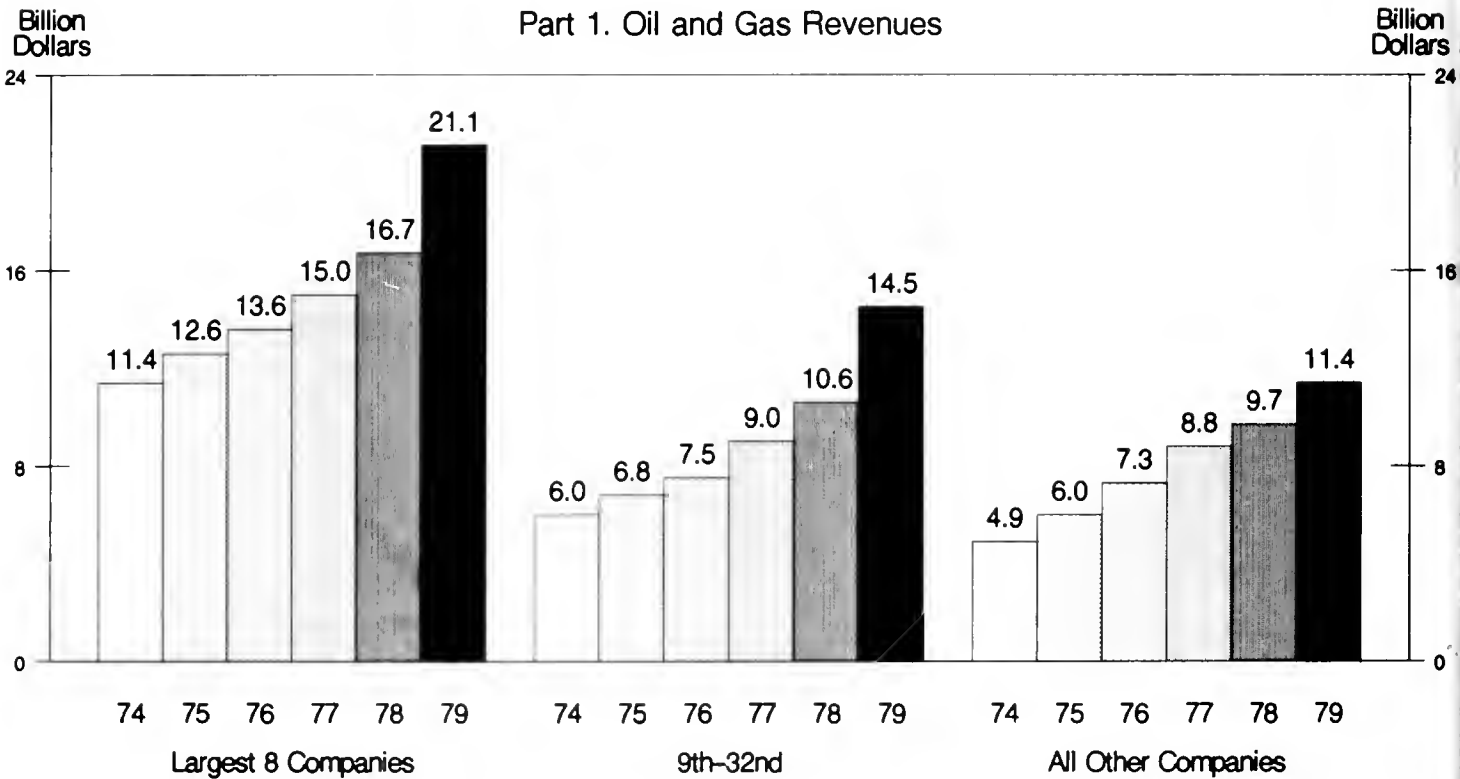


Chart I shows that the largest eight companies had \$53.7 billion in assets which amounted to 42 percent of the industry's total. There had been an annual decline in the largest eight companies' share of total assets of around 1 percent per annum since 1973 when their share amounted to 48 percent. Capital expenditures by the largest eight companies during 1979 ended this decline.

### Geographical Distributions

Chart J provides the geographical distribution of oil and gas revenues and of assets for 1974 through 1979. The increase in revenues for Alaska reflects output from North Slope crude petroleum productive capacity developed since 1967. In 1977

and 1978, sales volumes from onshore Alaska were large enough to offset decreases in other areas so as to result in overall increases in sales volumes of crude petroleum. Total sales volumes for the United States declined from 1978 levels since the 1979 sales volume increase for onshore Alaska of 61 million barrels was not sufficient to counteract the 157 million barrel sales decrease of crude petroleum from all other areas.

The share of royalty interest held by private owners is greater in the onshore lower 48 States than in Alaska or in offshore areas since royalty interest in the latter areas are usually held by governments. Also, investments in the onshore lower 48 States are usually older than in Alaska or the offshore lower 48 States. These factors limit the usefulness of some comparisons by geographic areas.

Table C. Selected Ratios for the Lower 48 States, by Stripper Well Lease Specialization: 1973 to 1979

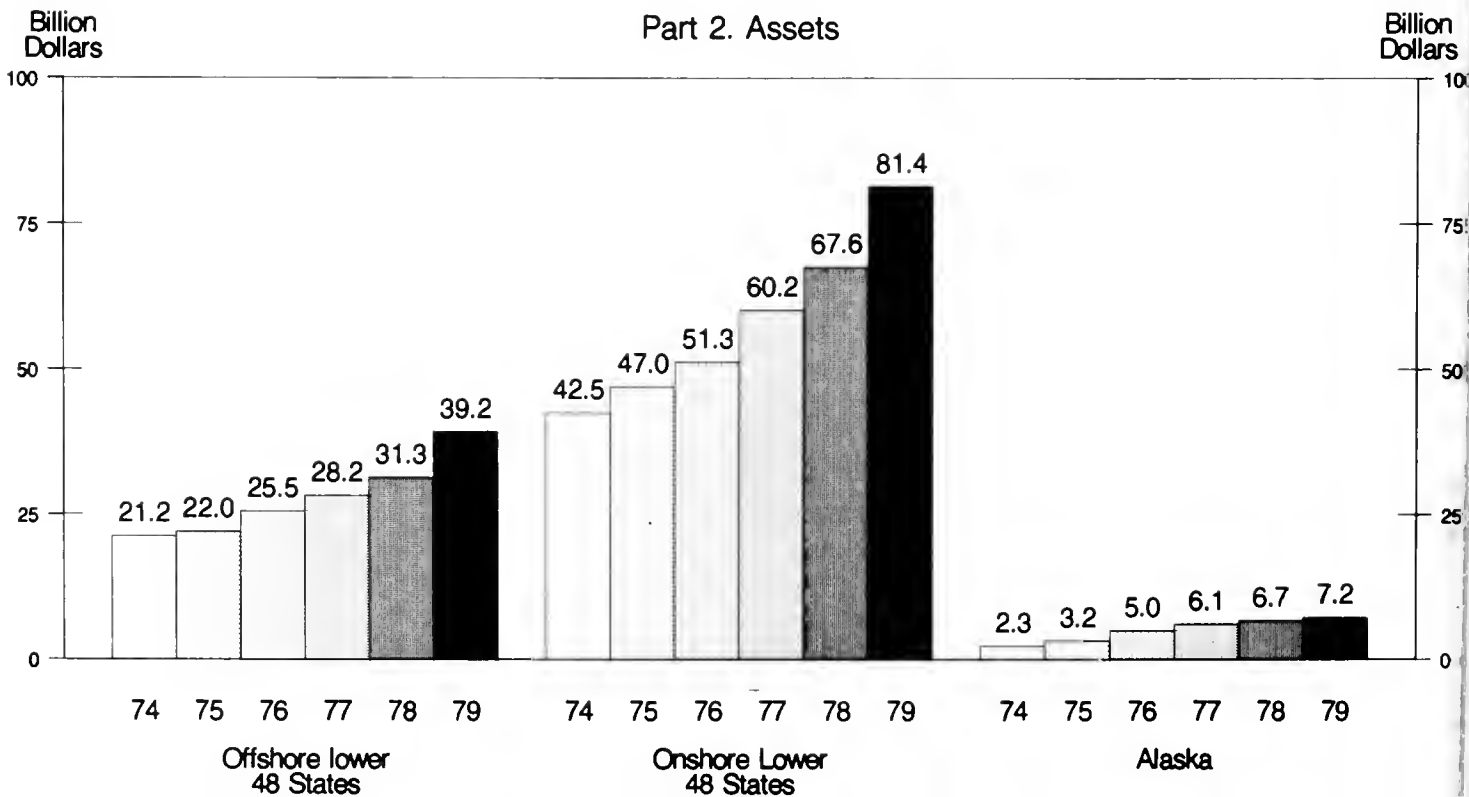
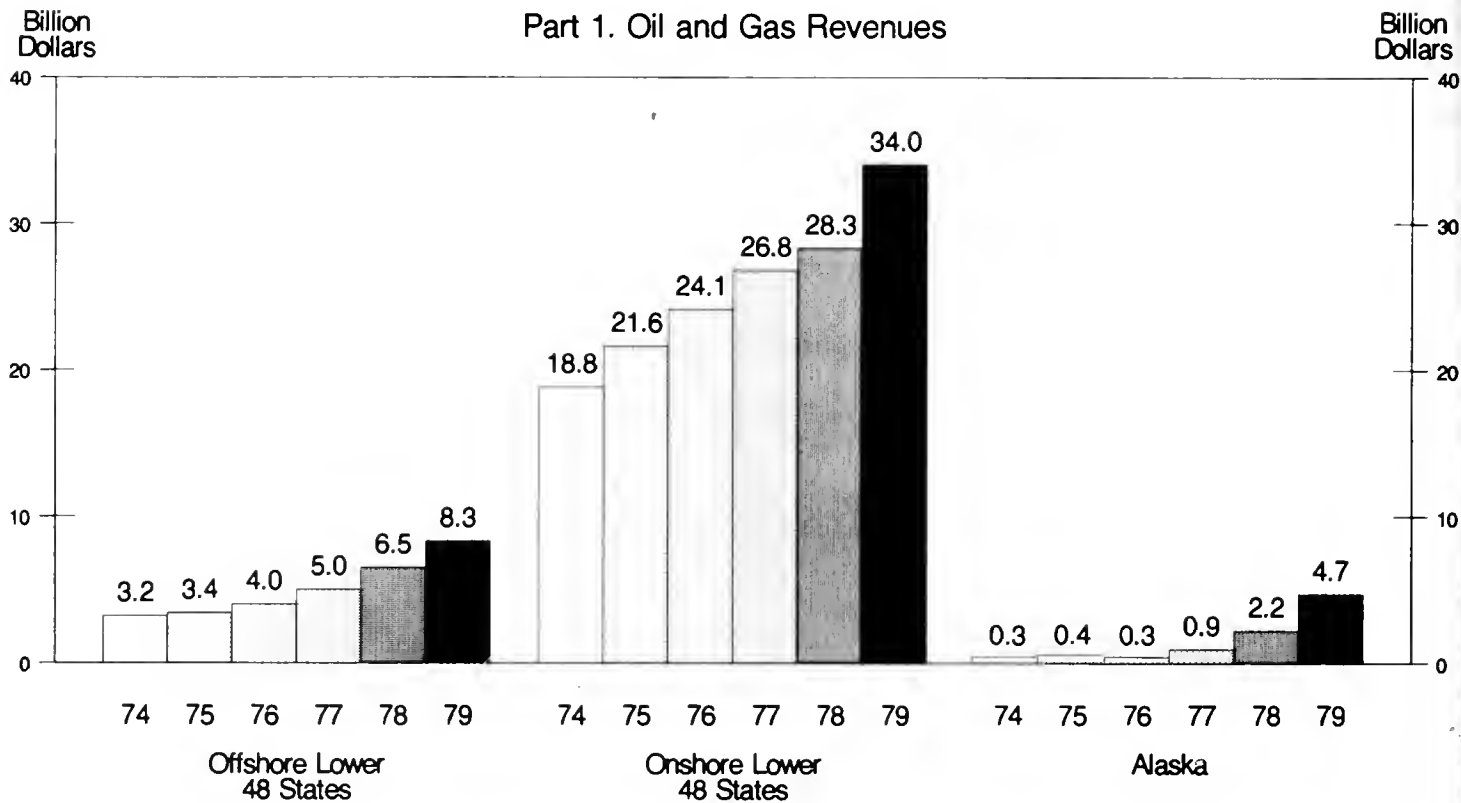
(Net company interest)

Item and year	All companies	.000— .049	.050— .099	.100— .199	.200— .299	.300— .399	.400— .499	.500— .599	.600 and over
Direct operating expenditures to lease revenues:									
1979 .....	.162	.126	.103	.188	.151	.151	.183	.226	.245
1978 .....	.170	.126	.141	.190	.188	.203	.175	.182	.243
1977 .....	.161	.102	.184	.176	.162	.195	.243	.241	.236
1976 .....	.155	.103	.164	.170	.179	.183	.247	.220	.278
1975 .....	.153	.099	.168	.157	.179	.205	.241	.235	.267
1974 .....	.140	.110	.149	.142	.208	.188	.194	.185	.235
1973 .....	.176	.184	.131	.198	.223	.247	.227	.335	.357
Crude petroleum and condensate unit value (dollars per barrel):									
1979 .....	12.32	12.54	11.30	11.67	12.54	14.70	16.02	17.87	17.17
1978 .....	9.30	9.61	8.97	8.84	9.31	10.93	11.67	11.71	11.73
1977 .....	8.51	8.60	8.19	7.92	8.86	9.73	10.05	10.09	11.59
1976 .....	8.02	8.01	7.72	7.70	8.99	9.05	9.49	9.26	10.91
1975 .....	7.65	7.60	7.35	7.55	8.66	8.88	8.61	9.73	10.00
1974 .....	6.75	6.73	6.53	6.66	7.40	6.98	7.43	7.04	8.84
1973 .....	3.90	3.88	3.98	3.98	3.66	3.70	3.94	4.07	3.55
Percentage of total crude petroleum and condensate:									
1979 .....	100.0	18.8	11.5	49.7	11.2	1.7	0.9	0.6	5.6
1978 .....	100.0	18.3	18.9	47.4	5.9	1.4	1.4	0.6	6.0
1977 .....	100.0	<sup>r</sup> 25.4	26.6	33.5	4.7	1.7	1.9	0.6	5.7
1976 .....	100.0	28.0	29.9	30.9	3.3	1.4	1.2	1.3	4.0
1975 .....	100.0	<sup>r</sup> 28.6	42.8	18.7	2.6	1.3	1.3	0.5	4.3
1974 .....	100.0	39.5	41.7	9.3	2.2	1.2	1.0	0.6	4.5
1973 .....	100.0	50.3	33.9	7.2	1.9	1.2	1.1	0.4	4.0

Note: The stripper well lease specialization ratios were derived individually for each year by dividing the quantity of stripper well lease crude petroleum and condensate by the total quantity of crude petroleum and condensate sales for each company.

<sup>r</sup>Revised.

CHART J. Distribution of Selected Items  
by Geographic Areas: 1974 to 1979  
(Net company interest)





## Lease Acquisitions

Expenditures for acquiring nonproducing leases totaled \$7.0 billion in 1979. Such expenditures have fluctuated considerably during the 1973 to 1979 time period, particularly for offshore lease acquisitions. For 1979, about 65 percent of these expenditures occurred at the Federal Outer Continental Shelf (OCS) sales held by the U.S. Department of Interior, Bureau of Land Management.<sup>4</sup> The State of Alaska also conducted a sizeable sale for its offshore areas in December 1979. Expenditures for acquiring onshore lower 48 State nonproducing leases amounted to \$2.1 billion, an increase of about 60 percent from the 1978 figure of \$1.3 billion. Expenditures for acquiring producing leases amounted to \$5.5 billion. Sales in the lower 48 States amounted to 93 percent of the funds expended for producing leases.

## Production and Expenditure Interrelationships

Of the net company interest total of 2,456 million barrels of crude petroleum and condensate, 1,743 million barrels were produced from leases containing only oil wells, 82 million barrels (of condensate) were produced from gas leases, and 631 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 14,787 billion cubic feet of natural gas showed that 9,846 billion cubic feet were produced from leases containing only gas wells, 1,369 billion cubic feet (of casinghead gas) were produced from leases containing only oil wells, and 3,572 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart K, net company interest expenditures for exploration, development, and production amounted to \$44.7 billion in 1979. Of this total, exploration accounted for \$15.6 billion; development, \$17.3 billion; and production, \$11.8 billion. This represents an increase in total expenditures of 47 percent since 1978. The above components increased by percentages of 64, 57, and 18 respectively.

During 1979, the industry's total expenditures for exploration, development, and production increased by \$14.3 billion while lease revenues increased by \$10.2 billion. The changes in the expenditure to revenue percentage by company size groupings is shown in chart L.

## Methods of Accounting

Table 10 presents statistics by accounting method. Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that other companies would charge to current expenses. In 1979, companies using the successful efforts method of accounting capitalized 84 percent of their exploration and development expenditures while companies using the full cost method (e.g., companies that capitalize expenditures for drilling exploratory dry holes), capitalized 88 percent of their exploration and development expenditures. If project

characteristics (e.g., degree of risk) are the same for companies using alternative methods of accounting, it is logical to expect the full cost method companies to have a lower return on assets than companies using the successful efforts method. Figures in table D substantiate that the successful efforts method concerns have a higher rate of return in terms of their net revenues to net assets ratio than full cost companies; the former's rate was 37 percent while the latter's rate was 22 percent.

## SUMMARY

The preceding information was based on statistics which appear in tables 1 through 9, 16, 21, and 22. These include aggregates of all detailed data collected for this survey. For most tables, operational ratios provide the basis for grouping company statistics into selected size-classes. For example, table 22 presents statistics for the onshore lower 48 States disaggregated by the proportion of petroleum and condensate from onshore stripper well leases to the similar quantity for all leases in the onshore lower 48 States. The graphs presented in this report focus attention on some of the significant findings of this report.

## Comparability of Net Company Interest Statistics to Gross Operator Basis Statistics: 1979

The data in this report were collected on two bases, gross operator and net company interest. Under the gross operator basis, individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated, whether for their own account or for the account of others. Net company interest basis statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases.

Table D. Net Revenue to Net Asset Ratios, by Accounting Method: 1979

(Net company interest basis)			
Accounting method	Net revenues <sup>1</sup> (million dollars)	Net assets <sup>2</sup> (million dollars)	Net revenues to net assets (percent)
Successful efforts . .	22,145.0	59,132.1	37
Full costs. . . . .	3,822.6	17,456.0	22

<sup>1</sup> Net revenues were derived by subtracting production expenditures and charges to depletion, depreciation, and amortization during the year from lease revenues.

<sup>2</sup> Net assets were derived by subtracting accumulated cost of depreciation, depletion, and amortization from total assets.

<sup>4</sup> Outer Continental Shelf Statistics, U.S. Department of the Interior, June 1980, p.7.

CHART K. Exploration, Development, and  
Production Expenditures: 1974 to 1979  
(Net company interest)

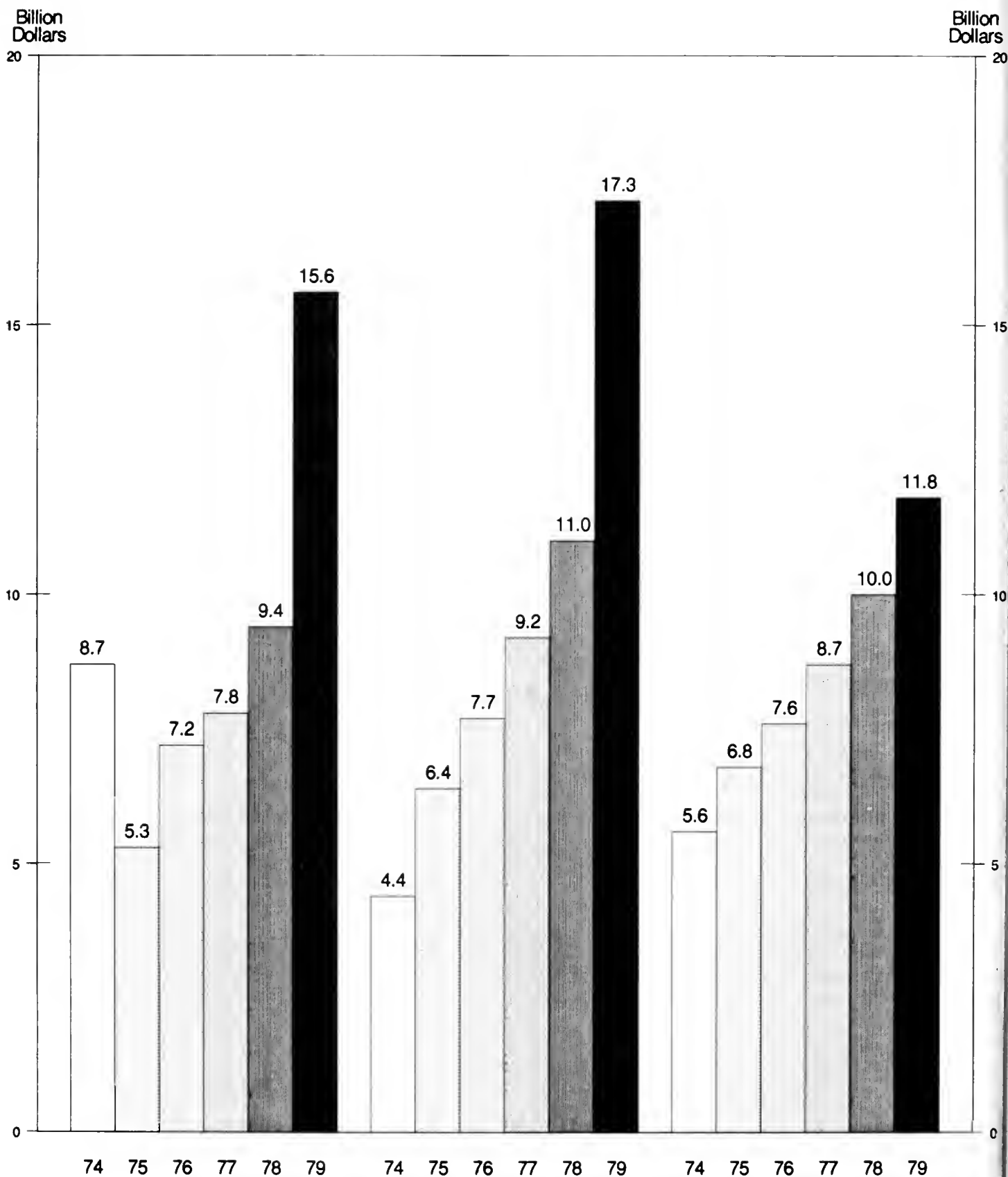
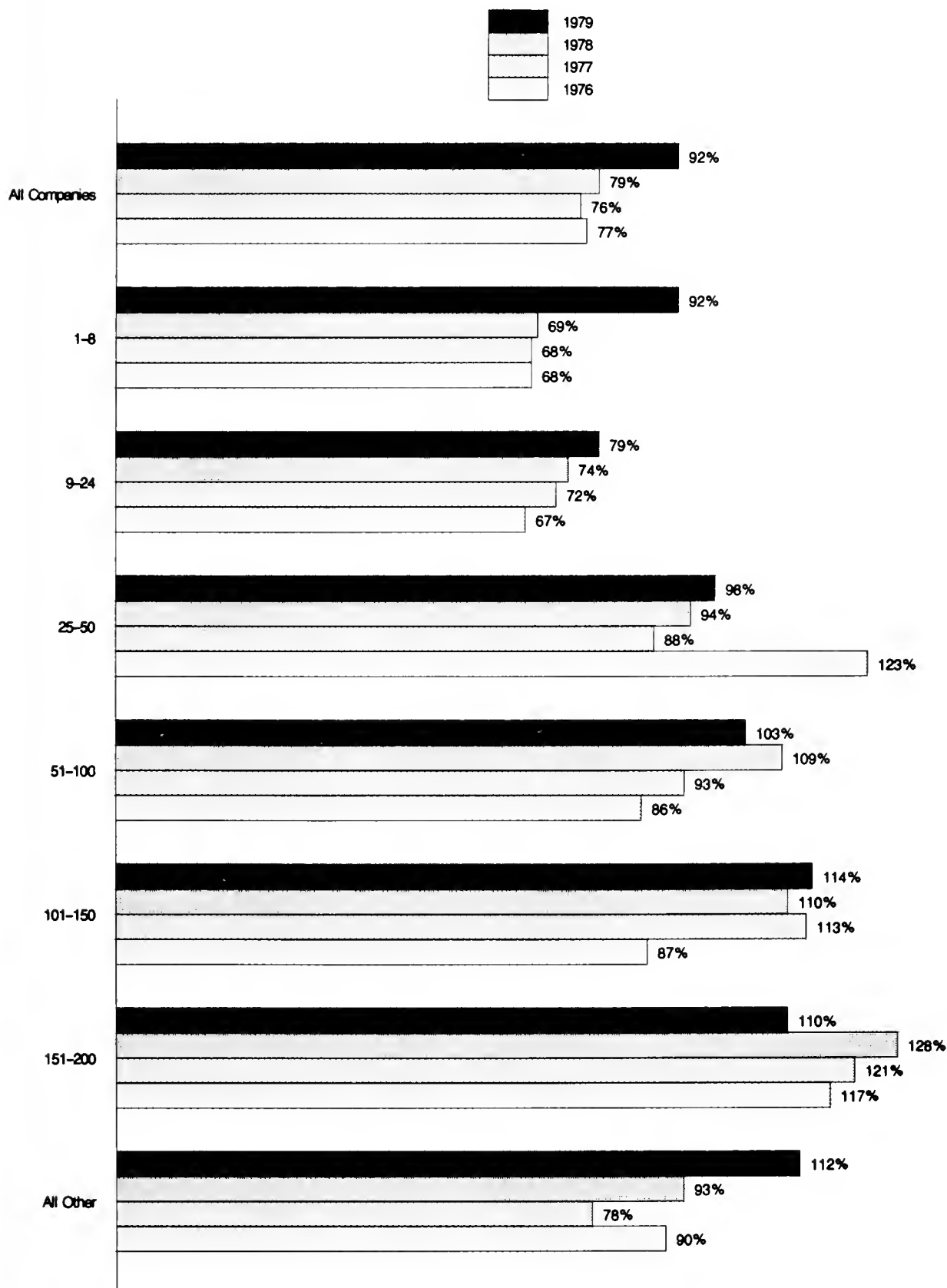


CHART L. Total Expenditures (Exploration, Development, and Production) as a Percentage of Revenues for Companies Ranked by Total Lease Revenues: 1976 to 1979  
(Net company interest)



The revenues for crude petroleum and condensate and for natural gas on a net company interest basis amounted to 78 percent of gross operator basis revenues. Expenditures for drilling and equipping wells on a net company interest basis were 15 percent less than comparable gross operator figures. The difference between revenues is largely accounted for by nonoperating company interest holders that were not canvassed. In the 1977 Census of Mineral Industries, royalty interest holders accounted for approximately 16 percent of the average operator account. Since royalty interest holders in the typical oil and gas field lease agreement do not participate in exploration and development expenditures, the difference between gross operator and net company interest expenditures for drilling and equipping wells can be attributed to nonoperating working interests which were not covered in this survey. Table E compares sales on a net company interest and gross operator basis.

Comparision of Bureau of the Census Statistics to Department of Energy Statistics

Differences occur between the Bureau of the Census gross operator and the Department of Energy statistics which are due to such causes as different sources of data, methodology, and concepts. The Bureau of the Census obtains both crude petroleum and natural gas data directly from operators of oil

and gas field properties. The Department of Energy obtains most of its production data for crude petroleum from State regulatory agencies and collects natural gas data directly from producing companies. Table F provides a comparison of data from the two agencies.

Publication Program

This release contains final statistics covering oil and gas field exploration, development, and production activities from the 1979 Annual Survey of Oil and Gas. The 1979 survey is the seventh of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity jointly on a net company interest basis and on a gross operator basis.

Confidentiality of Individual Company Data

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances, however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

Table E. Comparison of Gross Operator and Net Company Interest Statistics: 1979, 1978, and 1977

Year	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
1979						
Net company interest basis . . . . .	2,455.5	28,938.0	11.78	14,786.5	18,070.2	122.2
Gross operator basis . . .	2,992.1	35,949.9	12.01	19,613.8	24,285.3	123.8
Net-gross ratio . . . . .	.821	.805	.981	.754	.744	.987
1978						
Net company interest basis . . . . .	2,551.6	22,116.6	8.67	15,160.0	14,880.7	98.2
Gross operator basis . . .	3,109.2	27,002.5	8.68	19,170.3	19,125.6	99.7
Net-gross ratio . . . . .	.821	.819	.999	.791	.778	.985
1977						
Net company interest basis . . . . .	2,388.4	19,963.4	8.36	15,382.1	12,858.9	83.6
Gross operator basis . . .	2,995.6	24,833.5	8.29	19,195.1	16,240.9	84.6
Net-gross ratio . . . . .	.797	.804	1.008	.801	.792	.988

Table F. Comparison of Bureau of the Census and Department of Energy Statistics: 1979, 1978, and 1977

Year and Agency	Crude petroleum and condensate			Natural gas		
	Quantity (million barrels)	Value (million dollars)	Unit value (dollars per barrel)	Quantity (billion cu. ft.)	Value (million dollars)	Unit value (cents per 1,000 cu. ft.)
1979						
Bureau of the Census sales—gross operator basis) . . . . .	2,992.1	35,949.9	12.01	19,613.8	24,285.3	123.8
Department of Energy <sup>1</sup> production) . . . . .	3,121.3	39,051.3	12.51	<sup>2</sup> 20,471.3	(NA)	(NA)
Census-DOE ratio . . . . .	.959	.921	.960	.958	(NA)	(NA)
1978						
Bureau of the Census sales—gross operator basis) . . . . .	3,109.2	27,002.5	8.68	19,170.3	19,125.6	99.7
Department of Energy <sup>1</sup> production) . . . . .	3,178.2	28,477.8	8.96	<sup>2</sup> 19,974.0	(NA)	(NA)
Census-DOE ratio . . . . .	.978	.948	.969	.960	(NA)	(NA)
1977						
Bureau of the Census sales—gross operator basis) . . . . .	2,995.6	24,833.5	8.29	19,195.1	16,240.9	84.6
Department of Energy <sup>1</sup> production) . . . . .	3,009.3	25,790.7	8.57	<sup>2</sup> 20,025.5	(NA)	(NA)
Census-DOE ratio . . . . .	.995	.963	.967	.959	(NA)	(NA)

(NA) Comparable data not available.

<sup>1</sup> Source: U.S. Department of Energy, *Natural Gas*, annual; and *Petroleum Statement*, annual.<sup>2</sup> Marketed production represents gross withdrawals from oil and gas wells less quantities used for repressuring and quantities vented or flared.

**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1979**

(Gross operator basis)

Item	Unit of measure	All operating companies	Operating companies (primary sample) ranked by total value of crude petroleum and natural gas sales <sup>1</sup>						
			All companies	First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Sales volumes:									
Crude petroleum and condensate:									
1979.....	Mil. bbl.....	3,046.8	2,992.1	1,488.0	634.3	179.5	99.3	99.5	2,500.6
1978.....	..do.....	(NA)	2,310.9	1,475.1	711.8	236.6	77.4	124.1	2,625.0
1977.....	..do.....	(NA)	2,995.6	1,497.5	602.3	222.4	86.0	122.2	2,530.5
1976.....	..do.....	(NA)	2,905.2	1,481.6	587.5	147.7	122.1	97.0	2,435.9
1975.....	..do.....	(NA)	3,085.9	1,654.1	552.7	195.3	87.0	136.6	2,625.7
1974.....	..do.....	(NA)	3,159.3	1,707.5	581.3	200.9	90.0	113.7	2,693.3
1973.....	..do.....	(NA)	3,347.7	1,801.8	618.6	197.5	101.2	120.5	2,839.6
From stripper well leases:									
1979.....	..do.....	(NA)	399.0	102.5	73.2	20.8	8.3	25.2	230.1
1978.....	..do.....	(NA)	375.9	106.8	58.4	20.5	9.7	28.2	223.7
1977.....	..do.....	(NA)	340.8	94.5	54.2	11.4	6.1	21.0	187.1
1976.....	..do.....	(NA)	315.1	83.5	51.2	12.1	3.7	9.5	160.0
1975.....	..do.....	(NA)	302.0	69.6	47.3	10.4	3.6	16.2	147.1
1974.....	..do.....	(NA)	291.7	68.4	39.9	8.3	3.3	18.0	137.8
1973.....	..do.....	(NA)	259.2	48.8	32.8	6.8	10.5	10.9	109.8
Lease condensate:									
1979.....	..do.....	(NA)	148.7	48.1	24.7	19.5	13.4	7.1	112.8
1978.....	..do.....	(NA)	155.2	50.6	26.5	17.8	13.5	6.9	115.3
1977.....	..do.....	(NA)	147.9	63.5	24.7	16.5	8.5	7.1	120.4
1976.....	..do.....	(NA)	147.5	57.8	30.2	14.7	7.4	6.2	116.3
1975.....	..do.....	(NA)	157.0	62.7	35.1	11.6	8.4	7.2	124.9
1974.....	..do.....	(NA)	157.6	65.5	35.4	13.5	9.4	6.1	129.9
1973.....	..do.....	(NA)	165.9	80.0	26.7	22.8	4.1	8.0	141.8
Natural gas:									
1979.....	Bil. cu. ft..	20,005.1	19,613.8	7,361.2	3,030.7	2,695.0	1,058.4	1,520.0	15,665.3
1978.....	..do.....	(NA)	19,170.3	8,143.6	2,873.5	1,867.6	878.0	1,443.9	15,206.6
1977.....	..do.....	(NA)	19,195.1	8,377.1	3,111.3	1,545.9	1,027.5	1,319.0	15,380.8
1976.....	..do.....	(NA)	19,902.0	8,726.5	3,515.2	1,573.8	1,023.7	1,067.1	15,906.3
1975.....	..do.....	(NA)	20,454.6	8,898.3	3,863.9	1,242.8	1,147.8	1,054.2	16,207.0
1974.....	..do.....	(NA)	21,877.8	9,860.9	4,064.7	1,445.8	1,082.9	1,084.9	17,539.1
1973.....	..do.....	(NA)	22,314.7	11,322.3	3,577.7	1,528.6	1,174.2	902.3	18,505.1
Lease revenues:									
Crude petroleum and condensate:									
1979.....	Mil. dol.....	36,900.3	35,949.9	16,768.9	7,326.3	2,251.9	1,173.7	1,307.5	28,828.4
1978.....	..do.....	(NA)	27,002.5	12,609.0	5,370.2	2,256.1	712.0	1,133.4	22,080.7
1977.....	..do.....	(NA)	24,833.5	11,967.2	4,411.9	2,047.5	684.2	1,092.2	20,202.9
1976.....	..do.....	(NA)	22,936.4	11,537.7	4,279.4	1,218.4	785.7	851.7	18,673.0
1975.....	..do.....	(NA)	22,851.9	11,960.9	3,948.3	1,317.1	598.1	1,075.2	18,899.6
1974.....	..do.....	(NA)	20,937.8	11,204.6	3,708.0	1,247.6	564.5	770.7	17,495.3
1973.....	..do.....	(NA)	13,039.6	7,035.5	2,448.3	741.1	394.9	483.5	11,103.3
Lease condensate:									
1979.....	..do.....	(NA)	1,808.6	582.3	293.4	230.7	158.8	100.8	1,365.9
1978.....	..do.....	(NA)	1,459.2	510.0	267.6	158.4	129.1	73.7	1,138.8
1977.....	..do.....	(NA)	1,310.8	534.4	216.2	143.0	83.6	72.5	1,049.7
1976.....	..do.....	(NA)	1,244.0	458.2	226.9	155.1	62.0	67.0	969.2
1975.....	..do.....	(NA)	1,180.5	461.4	236.3	92.9	68.3	60.2	919.2
1974.....	..do.....	(NA)	1,092.1	457.9	223.2	93.8	68.4	53.3	896.6
1973.....	..do.....	(NA)	695.7	340.0	103.7	94.5	17.5	35.5	591.2
Natural gas:									
1979.....	..do.....	24,940.0	24,285.3	8,334.8	3,593.5	3,067.7	1,665.2	2,080.4	18,741.6
1978.....	..do.....	(NA)	19,125.6	7,440.5	2,683.4	1,827.7	1,117.1	1,506.3	14,575.0
1977.....	..do.....	(NA)	16,240.9	6,662.3	2,397.0	1,319.8	1,021.3	1,323.3	12,723.6
1976.....	..do.....	(NA)	12,099.4	4,813.1	1,939.1	1,039.4	518.8	940.5	9,251.0
1975.....	..do.....	(NA)	9,141.1	3,858.5	1,618.2	567.0	481.3	492.7	7,017.8
1974.....	..do.....	(NA)	6,866.7	3,035.5	1,237.6	454.6	322.8	349.8	5,400.3
1973.....	..do.....	(NA)	5,110.4	2,493.1	793.6	380.0	253.8	239.0	4,159.5
Expenditures for drilling and equipping wells completed during the year:									
1979.....	..do.....	16,644.4	14,415.5	3,424.1	2,036.4	1,069.6	910.0	936.6	8,376.6
1978.....	..do.....	7,019.5	6,178.6	1,644.6	746.6	356.4	402.7	424.5	3,574.7
1977.....	..do.....	9,624.8	8,236.9	1,779.5	1,289.8	713.2	507.3	512.1	4,801.9
1976.....	..do.....	(NA)	11,114.8	3,379.5	1,249.7	779.3	521.5	858.6	6,788.6
1975.....	..do.....	(NA)	9,016.7	2,599.1	1,068.3	590.5	502.7	749.3	5,509.9
1974.....	..do.....	(NA)	6,908.1	1,821.5	783.1	498.0	498.7	734.6	4,335.8
1973.....	..do.....	(NA)	5,775.5	1,477.6	708.3	320.0	322.0	372.5	3,200.4
1974.....	..do.....	(NA)	4,198.5	1,139.9	538.2	248.8	166.0	262.6	2,355.4
1973.....	..do.....	(NA)	2,889.1	877.3	347.5	202.2	118.7	240.0	1,785.6

See footnotes at end of table.

**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1979—Continued**

(Gross operator basis)

Item	Unit of measure	Operating companies (primary sample) ranked by total value of crude petroleum and natural gas sales <sup>1</sup> --Continued							All operating companies (supplemental sample) <sup>2</sup>
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies	
Sales volumes:									
Crude petroleum and condensate:									
1979.....	Mil. bbl.....	53.8	76.3	2,630.7	61.9	37.3	2,729.9	262.2	54.7
1978.....	..do.....	47.6	73.4	2,746.0	67.0	41.2	2,854.2	255.0	(NA)
1977.....	..do.....	75.5	72.5	2,678.5	59.7	35.1	2,773.3	222.4	(NA)
1976.....	..do.....	69.9	78.9	2,584.6	58.8	34.9	2,678.3	226.9	(NA)
1975.....	..do.....	57.3	70.3	2,753.3	61.8	36.2	2,851.3	234.6	(NA)
1974.....	..do.....	54.3	63.4	2,811.0	57.4	38.0	2,906.4	252.9	(NA)
1973.....	..do.....	62.3	61.6	2,963.5	67.3	38.4	3,069.3	278.5	(NA)
From stripper well leases:									
1979.....	..do.....	11.1	10.9	252.0	15.1	10.7	277.8	121.2	(NA)
1978.....	..do.....	9.7	10.5	244.0	13.4	12.1	269.5	106.5	(NA)
1977.....	..do.....	16.6	8.0	211.8	15.2	8.9	235.6	105.0	(NA)
1976.....	..do.....	19.6	11.6	191.3	13.5	8.9	213.6	101.5	(NA)
1975.....	..do.....	10.9	14.8	172.8	15.1	8.6	196.4	105.5	(NA)
1974.....	..do.....	6.7	10.9	155.4	11.6	8.3	175.3	116.4	(NA)
1973.....	..do.....	6.5	8.1	124.5	11.4	6.2	142.1	117.1	(NA)
Lease condensate:									
1979.....	..do.....	7.1	6.4	126.2	5.2	2.4	133.8	14.8	(NA)
1978.....	..do.....	5.7	8.0	129.0	3.3	3.2	135.5	19.7	(NA)
1977.....	..do.....	3.7	7.2	131.3	3.0	2.1	136.4	11.6	(NA)
1976.....	..do.....	7.5	4.7	128.6	3.6	2.1	134.3	13.2	(NA)
1975.....	..do.....	5.1	4.2	134.1	4.7	2.6	141.5	15.5	(NA)
1974.....	..do.....	3.4	4.5	137.8	3.2	4.6	145.5	12.1	(NA)
1973.....	..do.....	3.2	6.1	151.1	3.5	1.8	156.4	9.5	(NA)
Natural gas:									
1979.....	Bil. cu. ft..	796.6	673.3	17,135.2	570.4	343.2	18,049.0	1,564.8	391.3
1978.....	..do.....	767.6	698.9	16,673.0	450.1	270.7	17,393.8	1,776.4	(NA)
1977.....	..do.....	710.4	693.0	16,784.2	515.3	278.3	17,577.8	1,617.3	(NA)
1976.....	..do.....	793.4	573.4	17,273.1	462.9	212.3	17,948.3	1,953.7	(NA)
1975.....	..do.....	863.2	590.4	17,660.6	530.0	294.2	18,484.8	1,969.8	(NA)
1974.....	..do.....	798.7	760.4	19,098.2	526.4	310.4	19,935.0	1,942.8	(NA)
1973.....	..do.....	671.5	674.1	19,850.7	500.3	283.9	20,634.9	1,680.0	(NA)
Lease revenues:									
Crude petroleum and condensate:									
1979.....	Mil. dol.....	758.1	983.8	30,570.3	877.7	550.8	31,998.8	3,951.1	950.4
1978.....	..do.....	483.8	749.0	23,313.5	673.2	361.2	24,347.9	2,654.6	(NA)
1977.....	..do.....	713.6	659.1	21,575.7	612.1	309.6	22,497.4	2,336.0	(NA)
1976.....	..do.....	632.3	645.3	19,950.6	529.7	318.8	20,799.1	2,137.3	(NA)
1975.....	..do.....	504.4	573.6	19,977.6	519.1	301.8	20,798.5	2,053.4	(NA)
1974.....	..do.....	373.6	476.2	18,345.1	429.6	250.9	19,025.6	1,912.3	(NA)
1973.....	..do.....	245.2	252.3	11,600.9	240.3	157.4	11,998.6	1,041.1	(NA)
Lease condensate:									
1979.....	..do.....	90.5	83.0	1,539.4	88.1	8.3	1,635.8	172.8	(NA)
1978.....	..do.....	60.3	66.2	1,265.2	43.8	26.3	1,335.3	123.8	(NA)
1977.....	..do.....	31.7	72.2	1,153.5	31.0	19.7	1,204.2	106.5	(NA)
1976.....	..do.....	51.2	45.2	1,065.5	29.7	19.2	1,114.5	129.5	(NA)
1975.....	..do.....	42.4	36.7	998.3	33.5	23.6	1,055.4	125.0	(NA)
1974.....	..do.....	27.9	34.3	958.8	22.6	30.7	1,012.1	80.0	(NA)
1973.....	..do.....	13.0	28.4	632.6	14.4	8.3	655.2	40.5	(NA)
Natural gas:									
1979.....	..do.....	1,183.9	1,018.2	20,943.8	802.8	519.0	22,265.5	2,019.8	654.7
1978.....	..do.....	1,003.8	835.8	16,414.6	514.3	287.2	17,216.0	1,909.5	(NA)
1977.....	..do.....	653.5	658.5	14,035.5	428.7	261.4	14,725.6	1,515.3	(NA)
1976.....	..do.....	497.9	418.9	10,167.8	313.9	142.2	10,623.9	1,475.5	(NA)
1975.....	..do.....	435.8	301.4	7,755.0	253.5	135.2	8,143.8	997.3	(NA)
1974.....	..do.....	273.3	220.3	5,893.9	177.7	99.6	6,171.1	695.6	(NA)
1973.....	..do.....	161.5	173.3	4,494.2	116.9	67.2	4,678.4	432.1	(NA)
Expenditures for drilling and equipping wells completed during the year:									
1979.....	..do.....	648.8	888.7	9,914.0	830.2	504.9	11,249.2	3,166.2	2,228.9
Exploration.....	..do.....	288.7	462.7	4,326.2	335.7	225.7	4,887.7	1,291.0	840.9
Development.....	..do.....	360.1	426.0	5,587.8	494.5	279.2	6,361.5	1,875.2	1,387.9
1978.....	..do.....	691.4	647.8	8,127.8	664.6	266.3	9,058.7	2,056.0	(NA)
1977.....	..do.....	496.8	476.1	6,482.8	472.4	290.9	7,246.2	1,770.6	(NA)
1976.....	..do.....	382.8	321.2	5,039.8	338.2	183.7	5,561.9	1,346.2	(NA)
1975.....	..do.....	483.7	335.5	4,019.6	330.7	191.7	4,541.9	1,233.5	(NA)
1974.....	..do.....	368.5	266.6	2,990.4	314.9	141.2	3,446.7	751.8	(NA)
1973.....	..do.....	186.0	142.2	2,113.9	132.5	78.1	2,324.4	564.7	(NA)

See footnotes at end of table.

Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1979—Continued

(Gross operator basis)

Item	Unit of measure	All operating companies	Operating companies (primary sample) ranked by total value of crude petroleum and natural gas sales <sup>1</sup>						
			All companies	First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50	First 50 companies
Expenditures incurred during the year for drilling and equipping wells: <sup>3</sup>									
1979 <sup>4</sup> .....	Mil. dol.....	19,052.4	16,823.5	4,201.4	2,757.3	1,476.9	996.4	965.1	10,397.0
Exploration.....	..do.....	8,073.5	7,232.6	2,011.1	1,011.1	546.7	454.2	403.7	4,426.8
Development.....	..do.....	10,978.8	9,590.9	2,190.3	1,746.2	930.2	542.2	561.4	5,970.2
1978.....	..do.....	(NA)	<sup>r</sup> 12,903.6	3,943.5	1,731.8	958.7	631.1	1,024.7	8,289.7
1977.....	..do.....	(NA)	<sup>r</sup> 10,109.0	3,081.1	1,234.1	681.2	523.1	835.2	6,354.7
1976.....	..do.....	(NA)	8,071.4	2,706.2	958.3	543.4	492.4	774.4	5,474.9
1975.....	..do.....	(NA)	6,506.9	1,865.5	815.3	396.4	442.0	412.4	3,931.7
1974.....	..do.....	(NA)	4,607.3	1,337.8	585.1	293.2	236.2	258.2	2,710.6
1973.....	..do.....	(NA)	3,193.8	1,094.5	367.2	221.3	122.2	266.2	2,071.5
Dry holes completed during the year:									
1979.....	..do.....	4,934.8	4,289.2	1,048.3	615.0	286.6	275.2	251.2	2,476.3
Exploration.....	..do.....	3,661.1	3,256.9	891.6	479.1	188.4	233.1	185.6	1,977.8
Development.....	..do.....	1,273.6	1,032.3	156.7	135.9	98.2	42.1	65.6	498.5
1978.....	..do.....	(NA)	3,514.3	1,133.0	304.1	210.2	144.3	253.6	2,045.2
1977.....	..do.....	(NA)	<sup>r</sup> 2,723.4	807.3	280.5	148.2	84.8	218.5	1,539.3
1976.....	..do.....	(NA)	1,972.4	550.6	213.7	121.0	130.0	224.0	1,239.1
1975.....	..do.....	(NA)	1,769.2	435.9	191.5	143.8	91.3	136.3	998.8
1974.....	..do.....	(NA)	1,562.2	394.7	229.1	104.4	49.1	108.0	885.4
1973.....	..do.....	(NA)	919.0	263.5	126.7	50.4	24.1	82.9	547.6
Oil wells completed during the year:									
1979.....	..do.....	4,785.7	3,986.0	1,057.1	660.0	146.1	219.9	179.0	2,262.1
Exploration.....	..do.....	1,106.4	911.5	240.2	98.6	36.9	56.5	29.2	461.4
Development.....	..do.....	3,679.3	3,074.5	816.9	561.4	109.2	163.4	149.8	1,800.7
1978.....	..do.....	(NA)	<sup>r</sup> 3,110.2	1,073.5	368.8	205.9	76.7	208.9	1,933.7
1977.....	..do.....	(NA)	<sup>r</sup> 2,893.2	980.5	350.1	225.8	84.9	209.8	1,851.1
1976.....	..do.....	(NA)	2,219.4	636.0	305.2	94.3	109.6	144.0	1,289.1
1975.....	..do.....	(NA)	2,052.0	655.3	288.9	60.5	90.2	119.9	1,214.7
1974.....	..do.....	(NA)	1,338.7	459.2	163.8	53.4	15.0	71.1	762.4
1973.....	..do.....	(NA)	1,050.3	384.2	123.3	68.2	23.5	78.9	678.1
Gas wells completed during the year:									
1979.....	..do.....	6,923.9	6,140.3	1,318.7	761.4	636.9	414.9	506.4	3,638.2
Exploration.....	..do.....	2,252.0	2,010.2	512.8	168.9	131.1	113.1	209.7	1,135.5
Development.....	..do.....	4,671.9	4,130.1	805.9	592.5	505.8	301.8	296.7	2,502.7
1978.....	..do.....	(NA)	<sup>r</sup> 4,492.9	1,173.1	576.8	363.2	300.5	396.1	2,809.8
1977.....	..do.....	(NA)	<sup>r</sup> 3,400.2	811.3	437.6	216.6	333.0	321.0	2,119.5
1976.....	..do.....	(NA)	2,716.2	635.0	264.5	282.8	259.2	366.4	1,807.8
1975.....	..do.....	(NA)	1,954.3	386.4	227.9	115.7	140.5	116.3	986.9
1974.....	..do.....	(NA)	1,297.5	286.1	145.2	90.9	101.9	83.5	707.6
1973.....	..do.....	(NA)	920.0	229.8	97.4	83.6	71.2	78.1	560.1
Work-in-progress adjustment:									
1979.....	..do.....	(NA)	2,408.0	777.2	721.0	407.3	86.4	28.6	2,020.5
Exploration.....	..do.....	(NA)	1,054.0	366.5	264.6	190.3	51.5	-20.8	852.2
Development.....	..do.....	(NA)	1,354.0	410.7	456.4	217.0	34.9	49.4	1,168.3
1978.....	..do.....	(NA)	<sup>r</sup> 1,786.3	564.0	482.2	179.4	109.5	166.1	1,501.1
1977.....	..do.....	(NA)	<sup>r</sup> 1,092.4	481.9	165.9	90.6	20.4	85.9	844.8
1976.....	..do.....	(NA)	1,163.2	884.7	175.3	45.4	-6.3	39.8	1,139.1
1975.....	..do.....	(NA)	731.5	387.9	107.0	76.4	120.2	39.9	731.4
1974.....	..do.....	(NA)	408.8	197.9	46.9	44.4	70.2	-4.4	355.2
1973.....	..do.....	(NA)	305.0	217.2	19.7	19.1	3.5	26.2	285.8
Expenditures for platforms:									
1979.....	..do.....	(NA)	913.5	201.6	245.1	71.2	84.9	60.9	663.7
Drilling platforms <sup>4</sup> .....	..do.....	(NA)	573.7	152.6	190.2	(D)	51.4	(D)	461.8
Production platforms.....	..do.....	(NA)	339.8	49.0	54.9	(D)	33.4	(D)	201.9
1978.....	..do.....	(NA)	869.3	290.2	121.4	74.5	(D)	(D)	649.6
1977.....	..do.....	(NA)	697.5	312.1	99.3	(D)	(D)	(D)	584.9
Employment:									
1979.....	Thousand.....	167.1	157.3	44.6	21.5	13.2	4.6	7.0	90.9
1978.....	..do.....	(NA)	<sup>r</sup> 144.3	45.5	18.5	10.7	4.3	6.5	85.5
1977.....	..do.....	(NA)	<sup>r</sup> 132.8	42.4	16.9	7.7	7.2	7.1	81.3
1976.....	..do.....	(NA)	136.0	43.1	17.5	7.3	7.2	5.7	80.8
1975.....	..do.....	(NA)	136.7	39.9	18.4	6.9	8.5	5.4	79.1
1974.....	..do.....	(NA)	125.2	38.3	16.4	7.8	7.8	5.0	75.4
1973.....	..do.....	(NA)	123.5	38.3	17.5	6.5	6.9	4.8	74.0

See footnotes at end of table.



**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1973 to 1979—Continued**

(Gross operator basis)

Item	Unit of measure	Operating companies (primary sample) ranked by total value of crude petroleum and natural gas sales <sup>1</sup> —Continued							All operating companies (supplemental sample) <sup>2</sup>
		Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies	
Expenditures incurred during the year for drilling and equipping wells: <sup>3</sup>									
1979 <sup>4</sup> .....	Mil. dol.....	723.2	976.7	12,096.9	939.1	511.4	13,547.4	3,276.1	2,228.9
Exploration.....	..do.....	323.5	526.6	5,276.9	389.1	226.4	5,892.5	1,340.2	840.9
Development.....	..do.....	399.7	450.1	6,820.0	550.0	285.0	7,655.0	1,935.9	1,387.9
1978.....	..do.....	736.4	697.0	9,723.1	712.6	268.8	10,704.6	<sup>F</sup> 2,199.0	(NA)
1977.....	..do.....	482.6	567.8	7,405.1	487.5	295.1	8,187.7	<sup>F</sup> 1,921.5	(NA)
1976.....	..do.....	370.7	337.9	6,183.6	335.8	184.9	6,704.4	1,366.9	(NA)
1975.....	..do.....	448.5	338.4	4,718.6	337.2	194.1	5,250.1	1,256.8	(NA)
1974.....	..do.....	<sup>F</sup> 400.9	276.5	3,388.0	281.9	143.1	3,813.1	794.2	(NA)
1973.....	..do.....	175.0	151.8	2,398.3	135.4	80.0	2,613.6	580.2	(NA)
Dry holes completed during the year:									
1979.....	..do.....	222.5	333.4	3,032.1	246.1	135.3	3,413.5	875.6	645.6
Exploration.....	..do.....	173.3	255.5	2,406.6	157.7	95.6	2,659.9	597.0	404.2
Development.....	..do.....	49.2	77.9	625.5	88.4	39.7	753.6	278.6	241.3
1978.....	..do.....	229.3	187.9	2,462.4	308.6	72.8	2,843.8	670.5	(NA)
1977.....	..do.....	169.0	155.4	1,863.7	170.8	87.7	2,122.2	<sup>F</sup> 601.2	(NA)
1976.....	..do.....	111.7	98.6	1,449.3	111.0	59.0	1,619.4	353.0	(NA)
1975.....	..do.....	176.4	107.3	1,282.4	100.2	59.9	1,442.5	326.6	(NA)
1974.....	..do.....	141.0	92.2	1,118.5	87.0	58.2	1,263.6	298.6	(NA)
1973.....	..do.....	59.0	63.7	670.3	40.1	28.4	738.7	180.3	(NA)
Oil wells completed during the year:									
1979.....	..do.....	163.3	168.3	2,593.6	253.2	126.0	2,972.9	1,013.1	799.7
Exploration.....	..do.....	44.0	55.2	560.6	61.6	41.4	663.6	247.9	194.9
Development.....	..do.....	119.3	113.1	2,033.0	191.6	84.6	2,309.3	765.2	604.8
1978.....	..do.....	98.1	164.2	2,195.9	155.6	98.0	2,449.5	<sup>F</sup> 660.7	(NA)
1977.....	..do.....	88.3	124.9	2,064.4	138.0	100.9	2,303.2	<sup>F</sup> 590.0	(NA)
1976.....	..do.....	75.0	110.6	1,474.7	103.7	75.0	1,653.5	565.9	(NA)
1975.....	..do.....	96.3	88.6	1,399.5	110.4	62.2	1,572.2	479.7	(NA)
1974.....	..do.....	81.8	111.8	956.1	77.4	33.5	1,067.0	271.7	(NA)
1973.....	..do.....	46.0	35.7	759.7	45.8	24.2	829.8	220.5	(NA)
Gas wells completed during the year:									
1979.....	..do.....	263.0	387.0	4,288.3	330.9	243.6	4,862.8	1,277.5	783.6
Exploration.....	..do.....	71.4	152.0	1,359.0	116.4	88.8	1,564.2	446.0	241.8
Development.....	..do.....	191.6	235.0	2,929.3	214.5	154.8	3,298.6	831.5	541.8
1978.....	..do.....	364.0	295.8	3,469.4	200.4	95.5	3,765.3	<sup>F</sup> 727.6	(NA)
1977.....	..do.....	239.5	195.8	2,554.8	163.6	102.4	2,820.7	<sup>F</sup> 579.5	(NA)
1976.....	..do.....	195.9	112.1	2,115.8	123.6	49.7	2,289.0	427.2	(NA)
1975.....	..do.....	211.0	139.6	1,337.5	120.1	69.6	1,527.2	427.2	(NA)
1974.....	..do.....	145.5	62.7	915.9	150.6	49.5	1,115.9	181.6	(NA)
1973.....	..do.....	81.1	42.8	684.0	46.6	25.4	756.1	163.9	(NA)
Work-in-progress adjustment:									
1979.....	..do.....	74.4	87.9	2,182.8	108.9	6.4	2,298.2	109.9	(NA)
Exploration.....	..do.....	34.7	63.8	950.7	53.4	.6	1,004.7	49.3	(NA)
Development.....	..do.....	39.7	24.1	1,232.1	55.5	5.8	1,293.5	60.6	(NA)
1978.....	..do.....	45.1	49.2	1,595.5	47.9	2.6	1,646.0	<sup>F</sup> 140.3	(NA)
1977.....	..do.....	-14.2	<sup>F</sup> 91.7	922.3	15.1	4.2	<sup>F</sup> 941.5	<sup>F</sup> 150.9	(NA)
1976.....	..do.....	-11.9	16.7	1,143.8	-2.4	1.2	1,142.5	20.7	(NA)
1975.....	..do.....	-35.2	3.0	699.3	6.5	2.4	708.2	23.4	(NA)
1974.....	..do.....	32.4	9.9	397.6	-33.0	1.9	366.4	42.4	(NA)
1973.....	..do.....	-11.0	9.6	284.4	2.6	2.0	289.0	16.0	(NA)
Expenditures for platforms:									
1979.....	..do.....	43.5	132.5	839.6	(D)	(D)	853.1	60.4	(NA)
Drilling platforms <sup>4</sup> .....	..do.....	(D)	(D)	537.5	(D)	(D)	539.4	34.3	(NA)
Production platforms.....	..do.....	(D)	(D)	302.1	(D)	(D)	313.7	26.2	(NA)
1978.....	..do.....	(D)	(D)	725.8	28.8	4.5	759.1	110.2	(NA)
1977.....	..do.....	(D)	(D)	646.1	(D)	(D)	680.9	16.6	(NA)
Employment:									
1979.....	Thousand.....	5.1	7.0	103.0	11.1	4.9	118.9	38.3	9.8
1978.....	..do.....	6.1	8.5	100.1	5.1	3.0	108.2	36.1	(NA)
1977.....	..do.....	5.1	5.0	91.4	5.0	2.2	98.5	<sup>F</sup> 34.3	(NA)
1976.....	..do.....	5.3	4.4	90.4	4.6	2.5	97.4	38.6	(NA)
1975.....	..do.....	3.6	4.8	87.5	6.1	2.7	96.3	40.4	(NA)
1974.....	..do.....	3.7	3.6	82.7	3.8	2.5	89.0	36.2	(NA)
1973.....	..do.....	4.3	2.4	80.7	4.0	1.7	86.5	37.0	(NA)

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. <sup>F</sup>Revised.

<sup>1</sup>The primary sample was selected from the 1977 Census of Mineral Industries universe of companies. See appendix B for further detail on sample design.

<sup>2</sup>The supplemental sample is composed of companies that were not part of the 1977 Census of Mineral Industries universe. See appendix B for further detail on sample design.

<sup>3</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>4</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

Table 2. Gross Operator Basis Statistics: 1975 to 1979

Item	Unit of measure	1979	1978 <sup>F</sup>	1977 <sup>F</sup>	1976	1975	Index (1977=100)			
							1979	1978	1976	1975
<b>Sales volumes:</b>										
Crude petroleum and condensate.....	Mil. bbl.....	2,992.1	3,109.2	2,995.6	2,905.2	3,085.9	99.9	103.8	97.0	103.0
From stripper well leases.....	...do.....	399.0	375.9	340.8	315.1	302.0	117.1	110.3	92.5	88.6
Lease condensate.....	...do.....	148.7	155.2	147.9	147.5	154.6	100.5	104.9	99.7	104.5
Natural gas.....	Bil. cu. ft..	19,613.8	19,170.3	19,195.1	19,902.0	20,454.6	102.2	99.9	103.7	106.6
<b>Lease revenues:</b>										
Crude petroleum and condensate.....	Mil. do.....	35,949.9	27,002.5	24,833.5	22,936.4	22,851.9	144.8	108.7	92.4	92.0
Crude petroleum.....	...do.....	34,141.3	25,543.3	23,522.6	21,712.2	21,687.5	145.1	108.6	92.3	92.2
Lease condensate.....	...do.....	1,808.6	1,459.2	1,310.8	1,224.0	1,164.4	138.0	111.3	93.4	88.8
Natural gas.....	...do.....	24,285.3	19,125.6	16,240.9	12,099.4	9,141.1	149.5	117.8	74.5	56.3
<b>Unit values:</b>										
Crude petroleum and condensate.....	dol. per bbl.	12.01	8.68	8.29	7.89	7.41	144.9	104.7	95.2	89.4
Natural gas.....	cents per 1,000 cu. ft.	123.8	99.7	84.6	60.8	44.7	146.3	117.8	71.8	52.8
<b>Expenditures:</b>										
Exploration expenditures:										
Drilling and equipping wells <sup>1</sup> .....	Mil. dol.....	7,232.6	4,834.8	3,703.6	2,920.2	2,555.8	195.3	130.5	78.8	69.0
Dry holes.....	...do.....	3,256.9	2,568.4	1,899.0	1,406.5	1,317.5	171.5	135.3	74.1	69.4
Oil.....	...do.....	911.5	591.3	461.2	395.8	365.9	197.6	128.2	85.8	79.3
Gas.....	...do.....	2,010.2	1,206.9	884.8	863.2	658.4	227.2	136.4	97.6	74.4
Work-in-progress adjustment.....	...do.....	1,054.0	468.1	458.7	254.7	214.0	229.8	102.0	55.5	46.7
Development expenditures:										
Drilling and equipping wells <sup>1</sup> .....	...do.....	9,590.9	8,068.8	6,405.4	5,151.2	3,951.2	149.7	126.0	80.4	61.7
Dry holes.....	...do.....	1,032.3	945.9	824.4	565.9	451.7	125.2	114.7	68.6	54.8
Oil.....	...do.....	3,074.5	2,518.9	2,432.0	1,823.6	1,686.0	126.4	103.6	75.0	69.3
Gas.....	...do.....	4,130.1	3,286.0	2,515.4	1,853.0	1,295.9	164.2	130.6	73.7	51.5
Work-in-progress adjustment.....	...do.....	1,354.0	1,318.2	633.7	908.5	517.5	213.7	208.0	143.4	81.7
Employment.....	Thousands....	157.3	144.3	132.8	136.0	136.7	118.4	108.7	102.4	102.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>F</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 3. Detailed Net Company Interest Statistics: 1975 to 1979

Item	Unit of measure	1979	1978 <sup>†</sup>	1977 <sup>†</sup>	1976	1975	Index (1977=100)			
							1979	1978	1976	1975
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	2,551.6	2,388.4	2,347.6	2,414.0	102.8	106.8	98.3	101.1
From stripper well leases.....	..do.....	302.3	316.5	293.7	269.6	243.8	102.9	107.8	91.8	83.0
Lease condensate.....	..do.....	108.8	114.9	111.9	112.4	116.5	97.2	102.7	100.4	104.1
Natural gas.....	Bil. cu. ft.	14,786.5	15,160.0	15,382.1	15,893.1	16,138.3	96.1	98.6	103.3	104.9
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	48,430.8	38,279.7	33,955.6	29,366.8	26,237.5	142.6	112.7	86.5	77.3
Crude petroleum.....	..do.....	28,938.0	22,116.6	19,963.4	18,624.1	18,142.2	145.0	110.8	93.3	90.9
Lease condensate.....	..do.....	27,601.2	20,993.2	18,960.6	17,707.0	17,250.9	145.6	110.7	93.4	91.0
Natural gas.....	..do.....	1,336.8	1,123.4	1,002.8	917.0	891.2	133.3	112.0	91.4	88.9
Income from oil and gas royalties	..do.....	18,070.2	14,880.7	12,858.9	9,771.7	7,240.9	140.5	115.7	76.0	56.3
Other lease revenues from pro- ducing operations.....	..do.....	1,128.1	1,039.6	984.8	856.3	767.3	114.6	105.6	87.0	77.9
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	44,686.4	30,373.3	25,725.1	22,558.7	18,558.7	173.7	118.1	87.7	72.1
Drilling and equipping wells <sup>1</sup> ...	..do.....	15,617.2	9,367.9	7,794.9	7,183.9	5,310.3	200.4	120.2	92.3	68.1
Dry holes.....	..do.....	5,619.2	4,098.3	3,220.8	2,467.1	2,124.2	174.5	127.2	76.6	66.0
Oil wells.....	..do.....	2,565.2	2,215.2	1,637.6	1,292.4	1,147.9	156.6	135.3	78.9	70.1
Gas wells.....	..do.....	714.0	453.3	412.1	368.2	287.3	173.3	110.0	89.3	69.7
Work-in-progress adjustment...	..do.....	1,459.1	1,090.6	750.1	666.6	511.6	194.5	145.4	88.9	68.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	339.1	420.9	139.7	177.5	209.3	80.6	33.2	42.2
Land department leasing and scouting.....	..do.....	7,036.5	2,885.4	2,579.5	3,024.3	1,614.5	272.8	111.9	117.2	62.6
Geological and geophysical.....	..do.....	223.5	163.6	164.1	126.3	113.4	136.2	99.7	77.0	69.1
Lease rents.....	..do.....	1,218.2	1,028.7	833.3	692.3	652.8	146.2	123.4	83.1	78.3
Test hole contributions.....	..do.....	311.6	285.3	245.8	206.7	204.7	126.8	116.1	84.1	83.3
Other exploration expenditures, including direct overhead.....	..do.....	23.0	24.5	32.7	21.7	16.9	70.3	74.9	66.4	51.7
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	393.5	305.2	240.6	242.0	171.5	128.9	78.8	79.3
Development expenditures.....	..do.....	661.7	488.8	413.5	404.8	341.7	160.0	118.2	97.9	82.6
Drilling and equipping wells <sup>1</sup> ...	..do.....	17,303.6	11,010.7	9,212.9	7,734.8	6,422.6	187.8	119.5	84.0	69.7
Dry holes.....	..do.....	7,972.5	6,838.7	5,712.9	4,154.4	3,354.6	139.6	119.7	72.7	58.7
Oil wells.....	..do.....	875.8	788.6	645.6	453.4	396.0	135.7	122.1	70.2	61.3
Gas wells.....	..do.....	2,630.2	2,240.5	2,398.8	1,587.6	1,391.6	109.6	93.4	66.2	58.0
Work-in-progress adjustment...	..do.....	3,378.6	2,825.4	2,116.6	1,465.4	1,122.3	159.6	133.5	69.2	53.0
Lease equipment.....	..do.....	1,087.9	984.2	551.9	648.0	444.9	197.1	178.3	117.4	80.6
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	2,175.0	1,607.9	1,486.8	1,499.6	133.5	135.3	92.5	93.3
Fluid injection and improved recovery programs.....	..do.....	5,511.3	450.1	382.8	381.4	303.4	1,439.7	117.6	99.6	79.3
Other development expenditures, including direct overhead.....	..do.....	528.3	639.3	461.4	378.4	928.9	114.5	138.6	82.0	81.9
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	467.5	672.3	978.9		81.0	69.5	145.6	
Production expenditures.....	..do.....	601.2	440.1	375.7	354.8	336.1	160.0	117.1	94.4	89.5
Direct operating expenditures...	..do.....	11,765.6	9,994.6	8,717.4	7,639.9	6,825.8	135.0	114.7	87.6	78.3
Operating and maintenance.....	..do.....	7,295.3	6,152.2	5,277.9	4,507.4	3,952.9	138.2	116.6	85.4	74.9
Well workovers.....	..do.....	5,754.7	4,876.9	4,248.1	3,647.2	3,140.0	135.5	114.8	85.9	73.9
Other direct expenses.....	..do.....	1,001.1	777.6	703.9	577.2	530.5	142.2	110.5	82.0	75.4
Indirect operating expenditures	..do.....	539.7	497.7	325.9	283.0	282.4	165.6	152.7	86.8	66.7
Taxes (excluding income taxes).....	..do.....	4,470.3	3,842.5	3,439.5	3,132.5	2,872.8	130.0	111.7	91.1	83.5
General and administrative overhead.....	..do.....	2,750.4	2,379.0	2,098.9	1,897.9	1,746.1	131.0	113.3	90.4	83.2
Other indirect expenses.....	..do.....	1,181.3	1,069.8	905.2	865.5	768.8	130.5	118.2	95.6	84.9
Gross book value of fixed assets (beginning of year) <sup>2</sup> .....	Mil. dol....	538.6	393.6	435.6	369.1	358.0	123.6	90.4	84.7	82.2
Capitalized expenditures.....	..do.....	11,765.6	9,994.6	8,717.4	7,639.9	6,825.8	135.0	114.7	87.6	78.3
Retirement and dispositions.....	..do.....	7,295.3	6,152.2	5,277.9	4,507.4	3,952.9	138.2	116.6	85.4	74.9
Gross book value of fixed assets (end of year) <sup>2</sup> .....	..do.....	5,754.7	4,876.9	4,248.1	3,647.2	3,140.0	135.5	114.8	85.9	73.9
Depletion, depreciation, and amor- tization of fixed assets:	..do.....	1,001.1	777.6	703.9	577.2	530.5	142.2	110.5	82.0	75.4
Cost during the year.....	..do.....	539.7	497.7	325.9	283.0	282.4	165.6	152.7	86.8	66.7
Accumulated cost, end of the year	..do.....	4,470.3	3,842.5	3,439.5	3,132.5	2,872.8	130.0	111.7	91.1	83.5
		2,750.4	2,379.0	2,098.9	1,897.9	1,746.1	131.0	113.3	90.4	83.2
		1,181.3	1,069.8	905.2	865.5	768.8	130.5	118.2	95.6	84.9
		538.6	393.6	435.6	369.1	358.0	123.6	90.4	84.7	82.2
		106,587.3	94,433.8	83,867.7	(NA)	(NA)	127.1	112.6	(NA)	(NA)
		27,332.6	17,074.8	13,832.5	11,663.2	(NA)	197.6	123.4	84.3	(NA)
		6,106.2	5,861.3	3,268.3	(NA)	(NA)	186.8	179.3	(NA)	(NA)
		127,813.7	105,647.4	94,413.9	81,758.8	72,289.8	135.4	111.9	86.6	76.6
		8,873.5	6,790.9	5,506.5	(NA)	(NA)	161.1	123.3	(NA)	(NA)
		48,552.6	44,099.3	40,250.4	(NA)	(NA)	120.6	109.6	(NA)	(NA)

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available. <sup>†</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Figures for gross book value of fixed assets (end of year) differ from following year assets (beginning of year) for various reasons such as revisions reported by respondents, accounting method modifications, company organizations changes, and changes in the survey panel.

Table 4A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,455.5	1,282.8	481.5	180.3	74.6	83.4
From stripper well leases.....	..do.....	302.3	82.4	63.2	18.7	5.2	24.8
Lease condensate.....	..do.....	108.8	42.1	19.7	11.8	3.9	7.1
Natural gas.....	Bil. cu. ft.	14,786.5	6,190.9	2,682.8	1,396.6	695.6	1,086.2
Lease revenues.....	Mil. dol....	48,430.8	21,486.8	9,098.4	4,104.9	1,871.3	2,804.0
Crude petroleum and condensate...	..do.....	28,938.0	14,245.8	5,779.4	2,078.0	813.1	1,135.4
Crude petroleum.....	..do.....	27,601.2	13,740.5	5,546.4	1,927.8	770.6	1,042.3
Lease condensate.....	..do.....	1,336.8	505.3	233.0	150.2	42.6	93.1
Natural gas.....	..do.....	18,070.2	6,871.2	2,942.5	1,884.2	1,000.7	1,574.7
Income from oil and gas royalties	..do.....	1,128.1	322.1	262.0	130.6	53.2	67.9
Other lease revenues from producing operations.....	..do.....	294.5	47.7	114.6	12.1	4.3	26.0
Expenditures (capitalized and expensed).....	..do.....	44,686.4	19,690.0	6,992.0	3,481.5	1,683.6	2,904.2
Exploration expenditures.....	..do.....	15,617.2	6,296.9	2,514.7	1,584.7	481.4	1,226.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	1,749.5	749.3	513.7	216.3	489.8
Dry holes.....	..do.....	2,565.2	806.2	372.6	234.9	81.3	179.9
Oil wells.....	..do.....	714.0	220.3	78.1	53.9	8.6	43.4
Gas wells.....	..do.....	1,459.1	396.8	113.8	129.6	73.4	167.0
Work-in-progress adjustment.....	..do.....	881.0	326.2	184.7	95.3	53.0	99.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	3,303.2	1,337.5	766.2	187.8	481.6
Land department leasing and scouting.....	..do.....	223.5	59.7	17.1	15.9	5.7	61.6
Geological and geophysical.....	..do.....	1,218.2	583.5	201.0	164.1	29.7	69.9
Lease rents.....	..do.....	311.6	90.0	43.0	30.8	15.1	25.4
Test hole contributions.....	..do.....	23.0	9.2	6.0	.9	.3	1.3
Other exploration expenditures, including direct overhead.....	..do.....	523.5	181.3	111.8	46.0	15.1	55.4
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	320.3	48.9	47.1	11.5	41.9
Development expenditures.....	..do.....	17,303.6	8,157.0	2,192.0	1,076.4	737.9	1,080.5
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	2,209.4	1,326.2	708.0	344.2	711.8
Dry holes.....	..do.....	875.8	152.6	123.6	53.9	20.3	92.8
Oil wells.....	..do.....	2,630.2	904.2	442.6	128.4	94.4	168.5
Gas wells.....	..do.....	3,378.6	769.7	438.9	434.2	203.0	328.1
Work-in-progress adjustment.....	..do.....	1,087.9	382.9	321.1	91.5	26.5	122.3
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	824.5	390.5	233.7	36.2	189.0
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	4,840.4	413.4	86.4	347.8	93.5
Fluid injection and improved recovery programs.....	..do.....	528.3					
Other development expenditures, including direct overhead.....	..do.....	544.3					
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	282.7	61.9	48.4	9.7	37.2
Production expenditures.....	..do.....	11,765.6	5,236.1	2,285.3	820.3	464.4	596.8
Direct operating expenditures.....	..do.....	7,295.3	2,952.9	1,531.5	517.0	337.8	377.8
Operating and maintenance.....	..do.....	5,754.7	2,261.2	1,231.5	416.4	295.3	331.5
Well workovers.....	..do.....	1,001.1	401.7	299.9	62.4	42.6	36.6
Other direct expenses.....	..do.....	539.7	290.0		38.1		9.8
Indirect operating expenditures	..do.....	4,470.3	2,283.2	753.8	303.4	126.6	219.0
Taxes (excluding income taxes).....	..do.....	2,750.4	1,540.9	420.4	224.7	63.7	127.3
General and administrative overhead.....	..do.....	1,181.2	500.9	172.4	58.7	51.9	81.1
Other indirect expenses.....	..do.....	538.6	241.4	161.0	20.0	11.0	10.6

See footnotes at end of table.

Table 4A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1979—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,102.6	38.1	41.6	2,182.3	52.2	29.8	2,264.3	191.2
From stripper well leases.....	..do.....	194.3	7.3	8.8	210.5	9.1	7.4	226.9	75.4
Lease condensate.....	..do.....	84.7	4.0	4.8	93.5	5.1	2.5	101.0	7.8
Natural gas.....	Bil. cu. ft.	12,052.1	523.3	606.1	13,181.4	361.3	264.1	13,806.8	979.7
Lease revenues:									
Crude petroleum and condensate...	Mil. dol....	39,365.4	1,368.3	1,459.5	42,193.2	1,309.2	837.9	44,340.4	4,090.4
Crude petroleum.....	..do.....	24,051.6	489.3	594.1	25,135.0	673.9	416.8	26,225.7	2,712.3
Lease condensate.....	..do.....	23,027.5	435.8	533.8	23,997.0	610.0	381.4	24,988.4	2,612.8
Natural gas.....	..do.....	1,024.1	53.5	60.4	1,138.0	64.0	35.4	1,237.3	99.5
Income from oil and gas royalties	..do.....	14,273.4	818.1	823.3	15,914.8	539.9	398.3	16,853.0	1,217.2
Other lease revenues from producing operations.....	..do.....	835.6	57.8	31.2	924.6	59.1	17.9	1,001.5	126.6
Other lease revenues from producing operations.....	..do.....	204.7	3.2	10.9	218.8	36.4	4.9	260.1	34.4
Expenditures (capitalized and expensed):									
Exploration expenditures.....	..do.....	34,751.4	1,232.0	1,688.4	37,671.7	1,498.5	918.4	40,088.6	4,597.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	12,104.6	468.7	699.0	13,272.3	655.0	322.4	14,249.7	1,367.5
Dry holes.....	..do.....	3,718.7	205.9	318.2	4,242.8	329.7	187.3	4,759.8	859.4
Oil wells.....	..do.....	1,675.0	119.1	165.4	1,959.6	165.8	91.4	2,216.8	348.4
Gas wells.....	..do.....	404.4	22.2	37.8	464.3	55.7	27.5	547.5	166.4
Work-in-progress adjustment..	..do.....	880.6	77.8	91.3	1,049.7	99.8	61.8	1,211.4	247.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	758.7	-13.2	23.7	769.2	8.4	6.5	784.1	96.9
Land department leasing and scouting.....	..do.....	6,076.3	156.1	248.4	6,480.8	206.8	94.0	6,781.6	254.9
Geological and geophysical.....	..do.....	160.1	7.6	19.4	187.0	7.2	3.2	197.4	26.1
Lease rents.....	..do.....	1,048.2	33.7	45.7	1,127.6	41.7	11.1	1,180.3	37.9
Test hole contributions.....	..do.....	204.3	14.2	20.5	239.1	19.9	9.4	268.4	43.2
Other exploration expenditures, including direct overhead.....	..do.....	17.7	.3	3.1	21.0	.6	.3	21.9	1.1
General and administrative overhead, not reported elsewhere.....	..do.....	409.6	22.3	14.8	446.8	21.4	5.2	473.3	50.2
Development expenditures.....	..do.....	469.7	28.6	29.0	527.3	27.7	12.0	567.0	94.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	13,243.8	499.1	681.3	14,424.2	533.0	401.9	15,359.1	1,944.5
Dry holes.....	..do.....	5,299.5	329.5	476.8	6,105.7	322.4	278.9	6,707.0	1,265.5
Oil wells.....	..do.....	443.3	48.4	57.0	548.8	55.5	31.6	635.8	240.0
Gas wells.....	..do.....	1,738.0	85.8	149.3	1,973.1	98.0	78.4	2,149.5	480.8
Work-in-progress adjustment..	..do.....	2,173.9	163.5	223.0	2,560.4	166.4	153.3	2,880.1	498.5
Lease equipment <sup>3</sup> .....	..do.....	944.2	31.8	47.4	1,023.4	2.6	15.6	1,041.5	46.4
Lease and land acquisitions of producing acreage.....	..do.....	1,673.9	68.2	93.1	1,835.2	53.1	64.5	1,952.8	193.2
Fluid injection and improved recovery programs.....	..do.....	4,983.4	32.6	59.3	5,075.4	87.2	38.0	5,200.7	310.6
Other development expenditures, including direct overhead.....	..do.....	468.4	8.2	5.1	481.7	10.1	4.1	495.9	32.4
General and administrative overhead, not reported elsewhere.....	..do.....	378.7	23.0	23.8	425.5	29.5	7.2	462.3	82.0
Production expenditures.....	..do.....	439.9	37.6	23.2	500.7	30.7	9.1	540.5	60.7
Direct operating expenditures..	..do.....	9,403.0	264.1	308.1	9,975.2	310.5	194.1	10,479.8	1,285.8
Operating and maintenance....	..do.....	5,717.0	163.9	200.8	6,081.7	193.8	123.4	6,398.9	896.4
Well workovers.....	..do.....	4,535.8	140.3	153.8	4,829.9	156.1	98.6	5,084.7	670.0
Other direct expenses.....	..do.....	746.8	16.2	28.1	791.2	26.8	19.4	837.5	163.6
Indirect operating expenditures	..do.....	434.3	7.5	18.8	460.6	10.8	5.4	476.7	63.0
Taxes (excluding income taxes).....	..do.....	3,686.0	100.2	107.4	3,893.5	116.7	70.6	4,080.9	389.4
General and administrative overhead.....	..do.....	2,377.0	72.6	64.2	2,513.8	64.6	30.4	2,608.8	141.6
Other indirect expenses.....	..do.....	865.0	27.6	43.2	926.7	38.6	20.4	985.6	195.6
	..do.....	444.0			453.1	13.6	19.9	486.5	52.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 4B. Drilling and Asset Related Account Statistics Ranked by  
Total Lease Revenues: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
<b>Drilling statistics:</b>							
<b>Exploration dry holes:</b>							
Expenditures.....	Mil. dol....	2,565.2	806.2	372.6	234.9	81.3	179.9
Number of wells.....	Number.....	5,073	549	163	211	89	255
Total footage drilled.....	Thou. ft....	30,830	4,992	1,790	1,872	654	2,014
<b>Exploration oil wells:</b>							
Expenditures.....	Mil. dol....	714.0	220.3	78.1	53.9	8.6	43.4
Number of wells.....	Number.....	1,826	226	63	70	14	64
Total footage drilled.....	Thou. ft....	9,815	1,966	383	524	108	461
<b>Exploration gas wells:</b>							
Expenditures.....	Mil. dol....	1,459.1	396.8	113.8	129.6	73.4	167.0
Number of wells.....	Number.....	1,940	249	54	124	36	139
Total footage drilled.....	Thou. ft....	13,960	2,526	601	905	304	1,198
<b>Development dry holes:</b>							
Expenditures.....	Mil. dol....	875.8	152.6	123.6	53.9	20.3	92.8
Number of wells.....	Number.....	2,812	262	144	58	64	299
Total footage drilled.....	Thou. ft....	14,117	1,873	946	471	417	2,042
<b>Development oil wells:</b>							
Expenditures.....	Mil. dol....	2,630.2	904.2	442.6	128.4	94.4	168.5
Number of wells.....	Number.....	10,351	2,086	1,562	343	96	633
Total footage drilled.....	Thou. ft....	43,872	11,098	5,777	1,490	596	2,302
<b>Development gas wells:</b>							
Expenditures.....	Mil. dol....	3,378.6	769.7	438.9	434.2	203.0	328.1
Number of wells.....	Number.....	6,152	774	432	299	497	685
Total footage drilled.....	Thou. ft....	38,636	6,475	3,066	2,228	2,872	4,681
Expenditures for platforms.....	Mil. dol....	766.6	168.1	206.0	89.3	26.0	119.6
Drilling platforms <sup>1</sup> .....	..do.....	482.3	135.4	177.0	36.2	14.1	64.7
Production platforms <sup>2</sup> .....	..do.....	284.3	32.6	29.0	53.1	11.9	54.9
<b>Gross book value of fixed assets</b>							
(beginning of year) <sup>3</sup> .....	..do.....	106,587.3	42,886.1	21,188.4	9,341.9	3,908.2	7,632.1
Oil and gas field properties.....	..do.....	104,445.8	42,138.0	20,985.0	9,210.0	3,832.0	7,529.6
Buildings, other structures, and machinery.....	..do.....	2,141.5	748.1	203.4	132.0	76.2	102.5
Capitalized expenditures.....	..do.....	27,332.6	12,396.3	4,386.2	2,219.2	1,075.5	1,991.8
Oil and gas field properties.....	..do.....	26,642.9	12,182.4	4,194.3	2,195.6	1,068.8	1,965.2
Buildings, other structures, and machinery.....	..do.....	689.7	213.9	191.9	23.6	6.7	26.5
Retirement and dispositions.....	..do.....	6,106.2	1,574.9	1,195.9	538.0	149.2	989.6
Oil and gas field properties.....	..do.....	5,877.2	1,450.4	1,189.7	528.2	141.8	984.8
Buildings, other structures, and machinery.....	..do.....	228.9	124.5	6.2	9.8	7.4	4.8
<b>Gross book value of fixed assets</b>							
(end of year).....	..do.....	127,813.7	53,707.4	24,378.7	11,023.1	4,834.6	8,634.3
Oil and gas field properties.....	..do.....	125,211.5	52,870.0	23,989.6	10,877.3	4,759.0	8,510.0
Buildings, other structures, and machinery.....	..do.....	2,602.2	837.4	389.1	145.8	75.5	124.3
<b>Depletion, depreciation, and amor-</b>							
<b>tization of fixed assets, cost</b>							
during the year.....	..do.....	8,873.5	3,249.9	1,801.6	830.8	280.4	716.2
Oil and gas field properties.....	..do.....	8,680.3	3,185.3	1,782.0	822.2	275.5	707.0
Buildings, other structures, and machinery.....	..do.....	193.2	64.5	19.5	8.7	4.9	9.1
<b>Depletion, depreciation, and amor-</b>							
<b>tization of fixed assets, accumu-</b>							
<b>lated charges, end of year.....</b>	..do.....	48,552.6	19,667.7	11,215.8	5,151.2	1,280.4	2,843.2
Oil and gas field properties.....	..do.....	47,628.2	19,378.2	11,087.7	5,083.3	1,255.6	2,787.2
Buildings, other structures, and machinery.....	..do.....	924.4	289.5	128.1	67.9	24.8	55.9

See footnotes at end of table.

**Table 4B. Drilling and Asset Related Account Statistics Ranked by  
Total Lease Revenues: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
<b>Drilling statistics:</b>									
<b>Exploration dry holes:</b>									
Expenditures.....	Mil. dol....	1,675.0	119.1	165.4	1,959.6	165.8	91.4	2,216.8	348.4
Number of wells.....	Number.....	1,267	162	328	1,757	369	233	2,360	2,713
Total footage drilled.....	Thou. ft....	11,322	1,328	2,204	14,854	3,239	1,551	19,644	11,186
<b>Exploration oil wells:</b>									
Expenditures.....	Mil. dol....	404.4	22.2	37.8	464.3	55.7	27.5	547.5	166.4
Number of wells.....	Number.....	436	30	68	534	143	117	794	1,032
Total footage drilled.....	Thou. ft....	3,442	226	515	4,183	1,156	580	5,919	3,896
<b>Exploration gas wells:</b>									
Expenditures.....	Mil. dol....	880.6	77.8	91.3	1,049.7	99.8	61.8	1,211.4	247.7
Number of wells.....	Number.....	602	51	114	768	161	97	1,026	915
Total footage drilled.....	Thou. ft....	5,534	555	1,012	7,101	1,402	638	9,141	4,819
<b>Development dry holes:</b>									
Expenditures.....	Mil. dol....	443.3	48.4	57.0	548.8	55.5	31.6	635.8	240.0
Number of wells.....	Number.....	826	83	131	1,039	120	107	1,265	1,547
Total footage drilled.....	Thou. ft....	5,749	539	853	7,141	961	665	8,767	5,350
<b>Development oil wells:</b>									
Expenditures.....	Mil. dol....	1,738.0	85.8	149.3	1,973.1	98.0	78.4	2,149.5	480.8
Number of wells.....	Number.....	4,720	282	768	5,770	334	419	6,523	3,828
Total footage drilled.....	Thou. ft....	21,263	1,215	3,082	25,560	2,195	2,077	29,832	14,040
<b>Development gas wells:</b>									
Expenditures.....	Mil. dol....	2,173.9	163.5	223.0	2,560.4	166.4	153.3	2,880.1	498.5
Number of wells.....	Number.....	2,686	215	417	3,318	326	318	3,961	2,191
Total footage drilled.....	Thou. ft....	19,322	1,479	2,517	23,318	2,527	2,319	28,164	10,472
<b>Expenditures for platforms.....</b>	Mil. dol....	608.9	37.0	44.5	690.3	28.1	29.1	747.5	19.1
Drilling platforms <sup>1</sup> .....	..do.....	427.4	12.6	11.1	451.2	28.1	29.1	473.5	8.7
Production platforms <sup>2</sup> .....	..do.....	181.5	24.3	33.4	239.2			274.0	10.4
<b>Gross book value of fixed assets</b>									
(beginning of year) <sup>3</sup> .....	..do.....	84,956.7	4,175.4	4,178.4	93,310.5	3,536.5	2,098.4	98,945.3	7,641.9
Oil and gas field properties.....	..do.....	83,694.6	4,113.2	4,088.5	91,896.3	3,418.8	2,045.3	97,360.4	7,085.4
Buildings, other structures, and machinery.....	..do.....	1,262.1	62.2	89.9	1,414.2	117.7	53.1	1,584.9	556.6
<b>Capitalized expenditures.....</b>	..do.....	22,069.1	806.7	1,164.2	24,039.9	991.8	569.3	25,601.0	1,731.6
Oil and gas field properties.....	..do.....	21,606.3	793.6	1,144.0	23,543.9	939.0	555.5	25,038.4	1,604.5
Buildings, other structures, and machinery.....	..do.....	462.7	13.1	20.1	496.0	52.9	13.8	562.6	127.1
<b>Retirement and dispositions.....</b>	..do.....	4,447.6	501.9	205.0	5,154.4	176.5	139.1	5,470.1	636.0
Oil and gas field properties.....	..do.....	4,294.8	489.5	182.8	4,967.2	169.6	137.6	5,274.4	602.9
Buildings, other structures, and machinery.....	..do.....	152.7	12.5	22.1	187.3	6.9	1.6	195.8	33.1
<b>Gross book value of fixed assets</b>									
(end of year).....	..do.....	102,578.2	4,480.1	5,137.6	112,195.9	4,351.8	2,528.5	119,076.2	8,737.5
Oil and gas field properties.....	..do.....	101,006.0	4,417.3	5,049.7	110,473.0	4,188.1	2,463.3	117,124.4	8,087.1
Buildings, other structures, and machinery.....	..do.....	1,572.2	62.8	87.9	1,722.9	163.6	65.3	1,951.8	650.4
<b>Depletion, depreciation, and amor-</b>									
<b>  tization of fixed assets, cost</b>									
during the year.....	..do.....	6,878.8	410.7	413.6	7,703.0	309.9	164.8	8,177.8	695.7
Oil and gas field properties.....	..do.....	6,772.1	403.3	406.8	7,582.2	296.8	160.5	8,039.6	640.7
Buildings, other structures, and machinery.....	..do.....	106.7	7.3	6.8	120.8	13.1	4.3	138.2	55.0
<b>Depletion, depreciation, and amor-</b>									
<b>  tization of fixed assets, accumu-</b>									
<b>  lated charges, end of year.....</b>	..do.....	40,158.3	1,569.9	1,799.2	43,527.4	1,521.1	687.5	45,736.0	2,816.6
Oil and gas field properties.....	..do.....	39,592.0	1,542.4	1,762.5	42,897.0	1,469.7	671.3	45,038.0	2,590.2
Buildings, other structures, and machinery.....	..do.....	566.3	27.5	36.6	630.4	51.4	16.2	698.0	226.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>2</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>3</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 5A. Sales and Expenditures Statistics Ranked by Net Assets: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by net assets <sup>1</sup>				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,455.5	1,179.5	570.8	179.4	58.3	88.7
From stripper well leases.....	..do.....	302.3	96.3	47.1	17.9	6.4	12.7
Lease condensate.....	..do.....	108.8	44.1	17.0	11.3	5.5	6.7
Natural gas.....	Bil. cu. ft.	14,786.5	6,586.0	2,202.9	1,392.0	753.0	937.7
Lease revenues.....							
Crude petroleum and condensate...	Mil. dol....	48,430.8	20,860.4	9,453.4	3,952.2	1,876.0	2,611.0
Crude petroleum.....	..do.....	28,938.0	13,134.2	6,736.8	2,007.4	701.6	1,091.8
Crude petroleum.....	..do.....	27,601.2	12,609.2	6,536.0	1,867.2	636.1	1,000.0
Lease condensate.....	..do.....	1,336.8	525.0	200.8	140.2	65.6	91.8
Natural gas.....	..do.....	18,070.2	7,347.7	2,408.5	1,826.2	1,036.6	1,425.0
Income from oil and gas royalties	..do.....	1,128.1	329.9	253.5	118.6	137.8	67.3
Other lease revenues from producing operations.....	..do.....	294.5	48.7	54.7			
Expenditures (capitalized and expensed).....							
Exploration expenditures.....	..do.....	44,686.4	20,343.2	6,187.9	3,509.0	2,167.7	2,429.8
Drilling and equipping wells <sup>2 3</sup>	..do.....	15,617.2	6,651.3	2,096.1	1,516.7	889.7	1,023.8
Dry holes.....	..do.....	5,619.2	2,009.3	572.6	412.9	340.9	448.8
Oil wells.....	..do.....	2,565.2	907.7	273.8	206.3	116.5	255.9
Gas wells.....	..do.....	714.0	262.0	50.9	24.3	22.2	51.4
Work-in-progress adjustment.....	..do.....	1,459.1	428.6	127.6	107.4	109.2	154.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	411.0	120.4	74.9	93.0	-12.8
Land department leasing and scouting.....	..do.....	7,036.5	3,318.0	1,153.8	861.8	415.9	348.1
Geological and geophysical.....	..do.....	223.5	59.5	23.4	6.9	11.1	54.6
Lease rents.....	..do.....	1,218.2	651.9	172.5	85.0	66.9	69.1
Test hole contributions.....	..do.....	311.6	102.4	34.3	21.2	18.3	33.8
Other exploration expenditures, including direct overhead.....	..do.....	23.0	13.3	2.3	.4	20.5	31.7
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	178.5	93.3	65.9		
Development expenditures.....	..do.....	661.7	318.5	43.7	62.6	16.1	37.7
Drilling and equipping wells <sup>2 3</sup>	..do.....	17,303.6	8,421.5	1,975.4	1,041.9	898.4	880.8
Dry holes.....	..do.....	7,972.5	2,349.4	1,220.0	688.7	483.9	609.3
Oil wells.....	..do.....	875.8	185.3	95.4	33.0	75.2	83.5
Gas wells.....	..do.....	2,630.2	931.2	393.7	184.2	67.7	142.3
Work-in-progress adjustment.....	..do.....	3,378.6	829.0	422.8	411.6	246.7	327.4
Lease equipment <sup>4</sup> .....	..do.....	1,087.9	403.9	308.2	59.9	94.3	56.1
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	5,268.1	538.4	204.7	391.1	153.9
Fluid injection and improved recovery programs.....	..do.....	5,511.3					
Other development expenditures, including direct overhead.....	..do.....	528.3	272.1	79.5	52.3	9.7	49.2
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	249.4	75.1	25.3	13.8	68.3
Production expenditures.....	..do.....	601.2	282.5	62.5	55.3		
Direct operating expenditures.....	..do.....	11,765.6	5,270.5	2,116.4	950.4	379.5	525.2
Operating and maintenance.....	..do.....	7,295.3	3,222.7	1,193.6	634.5	240.7	322.3
Well workovers.....	..do.....	5,754.7	2,437.3	1,028.6	512.5	181.4	276.3
Other direct expenses.....	..do.....	1,001.1	458.4	165.0	75.8	59.3	33.9
Indirect operating expenditures	..do.....	539.7	326.9	922.9	46.2	316.0	12.1
Taxes (excluding income taxes).....	..do.....	4,470.3	2,047.8				
General and administrative overhead.....	..do.....	2,750.4	1,313.8	614.4	201.8	95.4	130.1
Other indirect expenses.....	..do.....	1,181.3	505.8	163.3	61.3	32.9	70.8
	..do.....	538.6	228.2	145.1	52.9	10.5	2.1

See footnotes at end of table.



Table 5A. Sales and Expenditures Statistics Ranked by Net Assets: 1979—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by net assets <sup>1</sup> --Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,076.6	40.3	50.7	2,167.6	37.8	35.6	2,240.9	214.5
From stripper well leases.....	..do.....	180.3	4.8	20.8	206.0	5.9	8.5	220.4	82.0
Lease condensate.....	..do.....	84.5	4.7	3.9	93.1	4.3	2.3	99.7	9.2
Natural gas.....	Bil. cu. ft.	11,871.6	529.6	624.7	13,025.9	430.4	322.7	13,779.1	1,007.5
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	38,753.1	1,269.3	1,752.2	41,774.6	1,224.6	910.6	43,909.8	4,520.9
Crude petroleum.....	..do.....	23,671.7	515.4	722.4	24,909.5	513.7	482.6	25,905.8	3,032.2
Crude petroleum.....	..do.....	22,648.4	457.7	671.1	23,777.1	457.2	455.7	24,690.0	2,911.2
Lease condensate.....	..do.....	1,023.3	57.8	51.3	1,132.4	56.5	26.9	1,215.8	121.0
Natural gas.....	..do.....	14,043.9	729.9	970.1	15,744.0	655.9	393.6	16,793.5	1,276.8
Income from oil and gas royalties	..do.....	834.9	21.8	49.5	906.2	43.6	24.7	974.6	153.5
Other lease revenues from producing operations.....	..do.....	202.5	2.2	10.2	214.9	11.4	9.7	236.0	58.5
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	34,637.7	1,396.7	1,854.7	37,889.0	1,376.1	938.7	40,203.9	4,482.5
Drilling and equipping wells <sup>2 3</sup>	..do.....	12,177.6	546.3	721.5	13,445.4	560.6	362.7	14,368.7	1,248.5
Dry holes.....	..do.....	3,784.6	202.0	355.4	4,342.0	264.3	206.4	4,812.6	806.6
Oil wells.....	..do.....	1,760.2	89.5	163.5	2,013.2	135.3	102.7	2,251.2	314.0
Gas wells.....	..do.....	410.7	19.7	38.1	468.5	39.1	35.6	543.3	170.7
Work-in-progress adjustment.....	..do.....	927.1	53.4	122.7	1,103.3	71.2	62.9	1,237.4	221.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	686.5	39.4	31.1	757.0	18.5	5.2	780.7	100.2
Land department leasing and scouting.....	..do.....	6,097.6	198.5	254.5	6,550.6	197.4	72.6	6,820.6	215.9
Geological and geophysical.....	..do.....	155.5	12.1	13.2	180.8	9.0	8.6	198.4	25.1
Lease rents.....	..do.....	1,045.4	53.2	44.8	1,143.4	33.4	12.2	1,189.0	29.2
Test hole contributions.....	..do.....	210.1	14.9	21.7	243.4	15.3	13.7	272.3	39.2
Other exploration expenditures, including direct overhead.....	..do.....	17.8			21.0	.3	.3	21.7	1.4
General and administrative overhead, not reported elsewhere.....	..do.....	388.0	40.2	11.2	439.4	22.1	13.9	475.5	48.0
Development expenditures.....	..do.....	478.6	25.4	20.6	524.6	18.8	35.1	578.5	83.2
Drilling and equipping wells <sup>2 3</sup>	..do.....	13,218.0	582.5	743.2	14,543.7	526.5	348.3	15,418.6	1,885.1
Dry holes.....	..do.....	5,351.3	392.4	421.0	6,164.7	322.5	237.0	6,724.2	1,248.3
Oil wells.....	..do.....	472.4	52.0	47.6	572.0	38.9	33.3	644.2	231.6
Gas wells.....	..do.....	1,719.1	84.9	140.0	1,944.0	94.4	98.4	2,136.8	493.5
Work-in-progress adjustment.....	..do.....	2,237.5	181.2	204.2	2,622.8	180.1	97.0	2,899.9	478.7
Lease equipment.....	..do.....	922.4	74.3	29.2	1,025.9	9.1	8.4	1,043.3	44.6
Lease and land acquisitions of producing acreage.....	..do.....	1,628.4	86.9	143.2	1,858.4	45.3	43.6	1,947.3	198.7
Fluid injection and improved recovery programs.....	..do.....	4,943.5	44.9	124.0	5,112.4	130.7	26.0	5,269.1	242.2
Other development expenditures, including direct overhead.....	..do.....	462.7	17.9	32.5	484.6	2.2	4.6	491.5	36.8
General and administrative overhead, not reported elsewhere.....	..do.....	383.2			411.6	11.8	21.9	445.3	99.1
Production expenditures.....	..do.....	448.9	40.5	22.6	512.0	13.9	15.3	541.1	60.1
Direct operating expenditures.....	..do.....	9,242.1	267.8	390.0	9,899.9	289.0	227.7	10,416.6	1,348.9
Operating and maintenance.....	..do.....	5,613.7	172.1	237.9	6,023.7	178.1	153.3	6,355.1	940.2
Well workovers.....	..do.....	4,436.0	146.9	198.3	4,781.1	142.8	121.3	5,045.3	709.4
Other direct expenses.....	..do.....	743.6	14.8	26.0	784.4	30.2	20.9	835.5	165.6
Indirect operating expenditures (excluding income taxes).....	..do.....	434.2	10.4	13.6	458.2	5.1	11.1	474.3	65.3
General and administrative overhead.....	..do.....	3,628.4	95.7	152.1	3,876.2	110.9	74.4	4,061.5	408.7
Other indirect expenses.....	..do.....	2,355.4	61.4	81.0	2,497.7	56.8	39.1	2,593.7	156.7
	..do.....	834.2	34.4	71.1	925.9	33.8	28.3	987.9	193.3
	..do.....	438.9			452.6	20.3	7.0	479.9	58.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Net assets were derived for individual companies by subtracting the accumulated depletion, depreciation, and amortization from the gross book value of fixed assets (end of the year).<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

Table 5B. Drilling and Asset Related Account Statistics Ranked by Net Assets: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by net assets <sup>1</sup>				
			First 8 companies	Companies 9-16	Companies 17-24	Companies 25-32	Companies 33-50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	2,565.2	907.7	273.8	206.3	116.5	255.9
Number of wells.....	Number.....	5,073	580	179	112	156	305
Total footage drilled.....	Thou. ft....	30,830	5,326	1,797	1,062	1,220	2,649
Exploration oil wells:							
Expenditures.....	Mil. dol....	714.0	262.0	50.9	24.3	22.2	51.4
Number of wells.....	Number.....	1,826	262	68	14	26	64
Total footage drilled.....	Thou. ft....	9,815	2,117	489	141	207	504
Exploration gas wells:							
Expenditures.....	Mil. dol....	1,459.1	428.6	127.6	107.4	109.2	154.2
Number of wells.....	Number.....	1,940	263	119	51	58	133
Total footage drilled.....	Thou. ft....	13,960	2,677	870	493	547	1,256
Development dry holes:							
Expenditures.....	Mil. dol....	875.8	185.3	95.4	33.0	75.2	83.5
Number of wells.....	Number.....	2,812	264	138	54	222	171
Total footage drilled.....	Thou. ft....	14,117	1,953	890	394	1,561	1,223
Development oil wells:							
Expenditures.....	Mil. dol....	2,630.2	931.2	393.7	184.2	67.7	142.3
Number of wells.....	Number.....	10,351	2,276	1,347	329	159	431
Total footage drilled.....	Thou. ft....	43,872	11,710	4,852	1,524	1,011	1,770
Development gas wells:							
Expenditures.....	Mil. dol....	3,378.6	829.0	422.8	411.6	246.7	327.4
Number of wells.....	Number.....	6,152	791	415	391	645	465
Total footage drilled.....	Thou. ft....	38,636	6,719	2,858	2,620	4,181	3,373
Expenditures for platforms.....	Mil. dol....	766.6	255.3	134.3	99.2	119.6	
Drilling platforms <sup>2</sup> .....	..do.....	482.3	222.3	104.0	44.8	119.6	
Production platforms <sup>3</sup> .....	..do.....	284.3	33.0	30.2	54.4		
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....							
Oil and gas field properties.....	..do.....	106,587.3	45,460.9	18,542.5	9,753.8	4,564.2	6,904.4
Buildings, other structures, and machinery.....	..do.....	104,445.8	44,689.4	18,377.0	9,570.5	4,527.4	6,797.6
Capitalized expenditures.....	..do.....	2,141.5	771.5	165.5	183.3	36.8	106.9
Oil and gas field properties.....	..do.....	27,332.6	12,889.8	3,794.7	2,238.9	1,647.7	1,644.1
Buildings, other structures, and machinery.....	..do.....	26,642.9	12,541.8	3,744.9	2,207.7	1,635.4	1,621.4
Retirement and dispositions.....	..do.....	689.7	348.0	49.8	31.2	12.3	22.6
Oil and gas field properties.....	..do.....	6,106.2	1,839.1	835.0	475.9	707.9	481.7
Buildings, other structures, and machinery.....	..do.....	5,877.2	1,724.6	817.6	462.8	704.9	478.3
Gross book value of fixed assets (end of year).....	..do.....	228.9	114.5	17.4	13.1	3.0	3.4
Oil and gas field properties.....	..do.....	127,813.7	56,511.6	21,502.2	11,516.7	5,504.0	8,066.8
Buildings, other structures, and machinery.....	..do.....	125,211.5	55,506.6	21,304.3	11,315.3	5,457.8	7,940.7
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	2,602.2	1,005.0	197.9	201.4	46.2	126.1
Oil and gas field properties.....	..do.....	8,873.5	3,598.7	1,365.9	939.7	372.4	624.2
Buildings, other structures, and machinery.....	..do.....	8,680.3	3,533.2	1,347.6	928.3	368.5	615.4
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	193.2	65.4	18.2	11.4	3.9	8.8
Oil and gas field properties.....	..do.....	48,552.6	21,996.9	8,662.9	5,102.6	1,627.8	2,572.7
Buildings, other structures, and machinery.....	..do.....	47,628.2	21,670.0	8,582.1	5,019.5	1,606.4	2,523.9
	..do.....	924.4	326.9	80.8	83.2	21.5	48.8

See footnotes at end of table.

Table 5B. Drilling and Asset Related Account Statistics Ranked by Net Assets: 1979—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by net assets <sup>1</sup> --Continued							
		First 50 companies	Companies 51-68	Companies 69-100	First 100 companies	Companies 101-150	Companies 151-200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	1,760.2	89.5	163.5	2,013.2	135.3	102.7	2,251.2	314.0
Number of wells.....	Number.....	1,332	107	298	1,737	311	287	2,335	2,738
Total footage drilled.....	Thou. ft....	12,054	851	2,068	14,973	2,232	2,542	19,747	11,083
Exploration oil wells:									
Expenditures.....	Mil. dol....	410.7	19.7	38.1	468.5	39.1	35.6	543.3	170.7
Number of wells.....	Number.....	434	32	41	507	81	76	664	1,162
Total footage drilled.....	Thou. ft....	3,458	221	397	4,076	673	574	5,323	4,492
Exploration gas wells:									
Expenditures.....	Mil. dol....	927.1	53.4	122.7	1,103.3	71.2	62.9	1,237.4	221.7
Number of wells.....	Number.....	624	35	101	760	113	104	977	963
Total footage drilled.....	Thou. ft....	5,843	364	1,017	7,224	892	865	8,981	4,979
Development dry holes:									
Expenditures.....	Mil. dol....	472.4	52.0	47.6	572.0	38.9	33.3	644.2	231.6
Number of wells.....	Number.....	849	66	97	1,012	123	110	1,245	1,567
Total footage drilled.....	Thou. ft....	6,021	468	694	7,183	783	740	8,706	5,411
Development oil wells:									
Expenditures.....	Mil. dol....	1,719.1	84.9	140.0	1,944.0	94.4	98.4	2,136.8	493.5
Number of wells.....	Number.....	4,542	209	893	5,644	312	391	6,347	4,004
Total footage drilled.....	Thou. ft....	20,867	1,060	2,860	24,787	1,963	2,387	29,137	14,735
Development gas wells:									
Expenditures.....	Mil. dol....	2,237.5	181.2	204.2	2,622.8	180.1	97.0	2,899.9	478.7
Number of wells.....	Number.....	2,707	233	347	3,287	369	376	4,032	2,120
Total footage drilled.....	Thou. ft....	19,751	1,747	2,099	23,597	2,715	1,632	27,944	10,692
Expenditures for platforms.....	Mil. dol....	608.5	52.4	48.0	708.9	25.8	8.3	743.0	23.5
Drilling platforms <sup>2</sup> .....	..do.....	435.4	20.0	9.1	464.5	10.5	2.6	477.6	4.6
Production platforms <sup>3</sup> .....	..do.....	173.1	32.4	38.9	244.4	15.3	5.7	265.4	18.9
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....									
Oil and gas field properties.....	..do.....	85,225.8	4,565.1	4,404.6	94,195.5	3,180.1	2,217.4	99,593.0	6,994.3
Buildings, other structures, and machinery.....	..do.....	83,961.8	4,513.9	4,309.9	92,785.5	3,022.2	2,142.6	97,950.4	6,495.4
Capitalized expenditures.....	..do.....	1,264.0	51.3	94.7	1,409.9	157.9	74.8	1,642.6	499.0
Oil and gas field properties.....	..do.....	22,215.1	943.5	1,373.2	24,531.9	939.7	405.0	25,876.6	1,456.0
Buildings, other structures, and machinery.....	..do.....	21,751.2	934.9	1,323.8	24,009.9	903.3	385.3	25,298.5	1,344.5
Retirement and dispositions.....	..do.....	463.9	8.7	49.3	521.9	36.4	19.8	578.1	111.6
Oil and gas field properties.....	..do.....	4,339.6	237.2	174.8	4,751.7	194.3	533.5	5,479.5	626.6
Buildings, other structures, and machinery.....	..do.....	4,188.3	235.0	168.3	4,591.6	169.6	519.8	5,281.1	596.1
Gross book value of fixed assets (end of year).....	..do.....	151.4	2.2	6.5	160.1	24.7	13.7	198.5	30.5
Oil and gas field properties.....	..do.....	103,101.3	5,271.5	5,602.9	113,975.6	3,925.5	2,088.9	119,990.0	7,823.7
Buildings, other structures, and machinery.....	..do.....	101,524.7	5,213.7	5,465.4	112,203.8	3,755.9	2,008.1	117,967.8	7,243.7
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	1,576.6	57.8	137.5	1,771.8	169.6	80.8	2,022.2	580.0
Oil and gas field properties.....	..do.....	6,900.8	322.3	444.3	7,667.4	296.3	280.0	8,243.7	629.9
Buildings, other structures, and machinery.....	..do.....	6,793.1	319.0	431.4	7,543.5	285.1	270.6	8,099.2	581.1
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	107.8	3.3	12.9	124.0	11.1	9.4	144.5	48.7
Oil and gas field properties.....	..do.....	39,963.0	1,880.9	1,814.4	43,658.3	1,346.5	864.3	45,869.1	2,683.5
Buildings, other structures, and machinery.....	..do.....	39,401.8	1,854.9	1,758.5	43,015.2	1,302.3	836.8	45,154.4	2,473.8
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	561.2	26.0	55.9	643.1	44.1	27.5	714.7	209.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Net assets were derived for individual companies by subtracting the accumulated depletion, depreciation, and amortization from the gross book value of fixed assets (end of the year).<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 6. Detailed Statistics by Geographical Area and by Operator: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area				Operator		
			Alaska		Lower - 48		Owner-operated properties	Nonowner-operated properties	
			Onshore	Offshore	Onshore	Offshore			
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,455.5	414.6	32.6	1,734.9	273.4	1,597.2	858.2	
From stripper well leases.....	..do.....	302.3	-	(Z)	302.0	.3	265.8	36.5	
Lease condensate.....	..do.....	108.8	(D)	-	76.8	(D)	73.0	35.8	
Natural gas.....	Bil. cu. ft.	14,786.5	161.9		10,377.6	4,247.0	10,467.9	4,318.6	
Lease revenues.....	Mil. dol....	48,430.8	4,445.4	236.7	35,402.3	8,346.5	32,358.6	16,072.1	
Crude petroleum and condensate...	..do.....	28,938.0	4,362.7	200.7	21,376.2	2,998.5	19,641.5	9,296.5	
Crude petroleum.....	..do.....	27,601.2	4,362.7	200.7	21,376.2	2,998.5	18,729.6	8,871.6	
Lease condensate.....	..do.....	1,336.8					911.9	424.9	
Natural gas.....	..do.....	18,070.2	109.5		12,658.9	5,301.9	12,529.8	5,540.5	
Income from oil and gas royalties	..do.....	1,128.1	.2		1,097.8	30.1	(X)	1,128.1	
Other lease revenues from producing operations.....	..do.....	294.5	8.9		269.5	16.1	187.3	107.1	
Expenditures (capitalized and expensed).....	..do.....	44,686.4	(X)	(X)	(X)	(X)	(X)	(X)	
Exploration expenditures.....	..do.....	15,617.2	(X)	(X)	(X)	(X)	(X)	(X)	
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	79.0	43.0	3,846.4	1,650.9	3,862.1	1,757.1	
Dry holes.....	..do.....	2,565.2	49.6	37.7	1,621.5	856.4	1,778.0	787.2	
Oil wells.....	..do.....	714.0	(D)	-	589.2	(D)	495.9	218.1	
Gas wells.....	..do.....	1,459.1	(D)	-	1,038.5	(D)	1,014.9	444.2	
Work-in-progress adjustment.....	..do.....	881.0	6.7	5.3	597.3	271.8	573.4	307.6	
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	16.5	588.3	2,115.1	4,316.7	(X)	(X)	
Land department leasing and scouting.....	..do.....	223.5	2.2	1.2	174.9	45.3	(X)	(X)	
Geological and geophysical.....	..do.....	1,218.2	32.1	41.4	948.4	196.5	(X)	(X)	
Lease rents.....	..do.....	311.6	5.4	5.5	281.5	27.5	(X)	(X)	
Test hole contributions.....	..do.....	23.0			14.7		(X)	(X)	
Other exploration expenditures, including direct overhead.....	..do.....	523.5	(X)	(X)	(X)	(X)	(X)	(X)	
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	(X)	(X)	(X)	(X)	(X)	(X)	
Development expenditures.....	..do.....	17,303.6	(X)	(X)	(X)	(X)	(X)	(X)	
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	181.4	84.0	5,541.4	2,165.6	5,381.8	2,590.7	
Dry holes.....	..do.....	875.8	-	20.9	706.2	710.6	598.0	277.8	
Oil wells.....	..do.....	2,630.2	128.6		1,939.8		1,841.4	788.8	
Gas wells.....	..do.....	3,378.6	14.1	-	2,352.7	1,011.8	2,226.1	1,152.5	
Work-in-progress adjustment.....	..do.....	1,087.9	38.7	63.1	542.9	443.2	716.2	371.7	
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	113.0	3.1	1,251.2	778.7	6,990.8	1,739.0	
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	(Z)	-	5,135.8	375.6			
Fluid injection and improved recovery programs.....	..do.....	528.3	2.3	2.7	507.4	15.9			
Other development expenditures, including direct overhead.....	..do.....	544.3	(X)	(X)	(X)	(X)			
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	(X)	(X)	(X)	(X)	(X)	(X)	
Production expenditures.....	..do.....	11,765.6	(X)	(X)	(X)	(X)	(X)	(X)	
Direct operating expenditures.....	..do.....	7,295.3	228.9	65.2	5,755.6	1,245.6	5,419.7	1,875.7	
Operating and maintenance.....	..do.....	5,754.7	161.3	52.4	4,588.1	952.8	(X)	(X)	
Well workovers.....	..do.....	1,001.1	67.6	12.7	763.8	292.8	(X)	(X)	
Other direct expenses.....	..do.....	539.7			403.8		(X)	(X)	
Indirect operating expenditures	..do.....	4,470.3	(X)	(X)	(X)	(X)	(X)	(X)	
Taxes (excluding income taxes).....	..do.....	2,750.4	566.0	21.3	2,074.0	89.1	1,770.1	980.3	
General and administrative overhead.....	..do.....	1,181.3	(X)	(X)	(X)	(X)	(X)	(X)	
Other indirect expenses.....	..do.....	538.6	49.0	3.3	409.9	76.4	428.6	110.0	

See footnotes at end of table.

Table 6. Detailed Statistics by Geographical Area and by Operator: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area				Operator	
			Alaska		Lower - 48		Owner-operated properties	Nonowner-operated properties
			Onshore	Offshore	Onshore	Offshore		
Drilling statistics:								
Exploration dry holes:								
Expenditures.....	Mil. dol....	2,565.2	49.6	37.7	1,621.5	856.4	1,778.0	787.2
Number of wells.....	Number.....	5,073	5	7	4,752	309	(X)	(X)
Total footage drilled.....	Thou. ft....	30,830	56	64	27,686	3,024	(X)	(X)
Exploration oil wells:								
Expenditures.....	Mil. dol....	714.0	(D)	-	589.2	(D)	495.9	218.1
Number of wells.....	Number.....	1,826	(D)	-	1,762	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	9,815	(D)	-	9,275	(D)	(X)	(X)
Exploration gas wells:								
Expenditures.....	Mil. dol....	1,459.1	(D)	-	1,038.5	(D)	1,014.9	444.2
Number of wells.....	Number.....	1,940	(D)	-	1,787	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	13,960	(D)	-	12,377	(D)	(X)	(X)
Development dry holes:								
Expenditures.....	Mil. dol....	875.8	-	(D)	706.2	(D)	598.0	277.8
Number of wells.....	Number.....	2,812	-	(D)	2,680	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	14,117	-	(D)	13,028	(D)	(X)	(X)
Development oil wells:								
Expenditures.....	Mil. dol....	2,630.2	128.6	(D)	1,939.8	(D)	1,825.0	788.8
Number of wells.....	Number.....	10,351	53	(D)	9,964	(D)	(X)	(X)
Total footage drilled.....	Thou. ft....	43,872	462	(D)	40,489	(D)	(X)	(X)
Development gas wells:								
Expenditures.....	Mil. dol....	3,378.6	14.1	-	2,352.7	1,011.8	2,226.1	1,152.5
Number of wells.....	Number.....	6,152	5	-	5,729	418	(X)	(X)
Total footage drilled.....	Thou. ft....	38,636	50	-	34,777	3,809	(X)	(X)
Expenditures for platforms.....	Mil. dol....	766.6	-	(D)	40.1	(D)	(X)	(X)
Drilling platforms <sup>2</sup> .....	..do.....	482.3	-	(D)	15.1	(D)	(X)	(X)
Production platforms <sup>3</sup> .....	..do.....	284.3	-	(D)	24.9	(D)	(X)	(X)
Gross book value of fixed assets								
(end of year) <sup>4</sup> .....	..do.....	127,813.7	5,558.1	1,605.1	81,442.0	39,208.5	(X)	(X)
Oil and gas field properties.....	..do.....	125,211.5	5,351.0	1,598.0	79,395.2	38,867.3	(X)	(X)
Buildings, other structures, and machinery.....	..do.....	2,602.2	207.1	7.2	2,046.8	341.2	(X)	(X)

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 7. Detailed Statistics for Offshore Ranked by Total Lease Revenues: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	306.0	132.6	73.9	83.9	13.2	2.4
From stripper well leases.....	..do.....	.3	(D)	(D)	(D)	(D)	(D)
Lease condensate.....	..do.....	(D)	13.1	6.6	6.0	(D)	(D)
Natural gas.....	Bil. cu. ft.	(D)	1,949.5	1,057.4	928.2	325.5	(D)
Lease revenues:							
Crude petroleum and condensate...	Mil. dol....	8,583.2	3,517.0	1,948.3	2,387.0	656.6	74.3
Crude petroleum and condensate...	..do.....	3,199.2	1,459.8	719.3	851.6	168.5	
Crude petroleum.....	..do.....	3,199.2	1,300.6	641.7	768.3	168.5	
Lease condensate.....	..do.....		159.2	77.6	83.3		
Natural gas.....	..do.....	(D)	2,040.3	1,220.4	1,521.2	502.7	(D)
Income from oil and gas royalties	..do.....	(D)	12.2	(D)	9.5	(D)	(D)
Other lease revenues from producing operations.....	..do.....	(D)	4.7	(D)	4.7	(D)	(D)
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2</sup>	..do.....	1,693.9	708.0	326.2	449.5	188.0	22.2
Dry holes.....	..do.....	894.2	359.2	207.3	209.7	108.4	9.6
Oil wells.....	..do.....	(D)	71.0	31.2		12.3	(D)
Gas wells.....	..do.....	(D)	148.1	184.7		64.8	(D)
Work-in-progress adjustment..	..do.....	277.1	129.6	54.5	88.3	2.5	2.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	4,904.9	2,501.7	1,157.7	964.6	258.7	22.2
Land department leasing and scouting.....	..do.....	46.5	4.6			6.3	-
Geological and geophysical....	..do.....	237.8	98.5	57.8	91.2	25.3	.6
Lease rents.....	..do.....	33.0	13.7	7.6	7.0	4.0	.7
Test hole contributions.....	..do.....						
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup>	..do.....	2,249.6	767.1	493.5	644.6	312.1	32.3
Dry holes.....	..do.....	169.6	39.4	48.6	44.0	33.4	4.2
Oil wells.....	..do.....	561.9	250.1	104.9	135.7	69.2	2.0
Gas wells.....	..do.....	1,011.8	291.1	191.3	365.5	146.0	17.9
Work-in-progress adjustment..	..do.....	506.3	186.6	148.7	99.4	63.5	8.1
Lease equipment <sup>3</sup> .....	..do.....	781.8	253.6		232.5		
Lease and land acquisitions of producing acreage.....	..do.....	375.6		410.8		147.8	5.3
Fluid injection and improved recovery programs.....	..do.....	18.6	91.6		34.4		
Production expenditures:							
Direct operating expenditures..	..do.....	1,310.8	541.3	298.5	371.9	86.4	12.7
Operating and maintenance....	..do.....	1,005.2	405.5	216.2	308.4	65.4	9.7
Well workovers.....	..do.....	229.1	85.1			14.5	2.5
Other direct expenses.....	..do.....	76.4	50.7	82.3	63.4	6.5	.5
Indirect operating expenditures:							
Taxes (excluding income taxes).....	..do.....	110.3	45.3	23.8	31.7		
Other indirect expenses.....	..do.....	79.7	29.3	37.6	8.1	13.4	.9

See footnotes at end of table.

Table 7. Detailed Statistics for Offshore Ranked by Total Lease Revenues: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9-16	Companies 17-50	Companies 51-200	All other companies
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	894.2	359.2	207.3	209.7	108.4	9.6
Number of wells.....	Number.....	316	92	58	87	66	13
Total footage drilled.....	Thou. ft....	3,088	1,021	556	858	585	68
Exploration oil wells:							
Expenditures.....	Mil. dol....	(D)	71.0	31.2		12.3	(D)
Number of wells.....	Number.....	(D)	32	24		6	(D)
Total footage drilled.....	Thou. ft....	(D)	332	143		49	(D)
Exploration gas wells:							
Expenditures.....	Mil. dol....	(D)	148.1	184.7		64.8	(D)
Number of wells.....	Number.....	(D)	40	23	58	23	(D)
Total footage drilled.....	Thou. ft....	(D)	455	236	566	254	(D)
Development dry holes:							
Expenditures.....	Mil. dol....	169.6	39.4	48.6	44.0	33.4	4.2
Number of wells.....	Number.....	132	28	15	28	23	38
Total footage drilled.....	Thou. ft....	1,089	274	146	246	212	211
Development oil wells:							
Expenditures.....	Mil. dol....	561.9	250.1	104.9	135.7	69.2	2.0
Number of wells.....	Number.....	334	144	47	81	36	26
Total footage drilled.....	Thou. ft....	2,922	1,414	409	649	285	165
Development gas wells:							
Expenditures.....	Mil. dol....	1,011.8	291.1	191.3	365.5	146.0	17.9
Number of wells.....	Number.....	418	111	67	151	69	20
Total footage drilled.....	Thou. ft....	3,809	1,120	603	1,349	659	78
Expenditures for platforms.....	Mil. dol....	726.5	163.3	205.5	227.1	120.7	9.9
Drilling platforms <sup>2</sup> .....	..do.....	467.1	130.8	176.5	114.0	44.1	1.7
Production platforms <sup>3</sup> .....	..do.....	259.4	32.5	29.0	113.1	76.6	8.2
Gross book value of fixed assets							
(end of year) <sup>4</sup> .....	..do.....	40,813.6	17,506.9	9,661.5	9,572.4	3,756.5	316.4
Oil and gas field properties.....	..do.....	40,465.2	17,392.6			3,753.5	313.7
Buildings, other structures, and machinery.....	..do.....	348.4	114.2	9,661.5	9,572.4	3.0	2.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 8. Detailed Statistics Grouped by Crude Petroleum and Condensate Unit Values:  
1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per barrel							
			0.00 to 9.99	10.00 to 10.49	10.50 to 10.99	11.00 to 11.49	11.50 to 11.99	12.00 to 13.99	14.00 to 17.99	18.00 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	80.3	94.8	611.5	755.3	483.8	203.1	126.3	100.4
From stripper well leases.....	..do.....	302.3	10.3	9.0	30.8	64.0	64.5	37.5	46.0	40.2
Lease condensate.....	..do.....	108.8	2.2	3.6	15.2	32.1	26.7	17.7	9.4	2.1
Natural gas.....	Bil. cu. ft.	14,786.5	359.9	393.0	2,412.8	4,330.4	3,393.7	2,102.8	1,488.9	305.0
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>48,430.8</b>	<b>1,155.9</b>	<b>1,501.4</b>	<b>9,798.8</b>	<b>13,333.7</b>	<b>9,907.6</b>	<b>5,906.1</b>	<b>4,210.9</b>	<b>2,616.3</b>
Crude petroleum and condensate...	..do.....	28,938.0	703.4	974.7	6,543.1	8,478.8	5,644.0	2,566.6	1,947.9	2,079.5
Crude petroleum.....	..do.....	27,601.2	686.9	932.7	6,372.4	8,091.3	5,322.2	2,344.7	1,811.7	2,039.3
Lease condensate.....	..do.....	1,336.8	16.5	42.0	170.6	387.6	321.8	221.9	136.2	40.2
Natural gas.....	..do.....	18,070.2	409.8	502.5	3,166.4	4,567.7	3,780.3	3,054.1	2,139.8	449.6
Income from oil and gas royalties	..do.....	1,128.1	37.2	23.2	85.5	221.9	372.0	249.1	93.7	45.4
Other lease revenues from producing operations.....	..do.....	294.5	5.5	1.0	3.8	65.3	111.3	36.4	29.4	41.8
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>44,686.4</b>	<b>999.1</b>	<b>1,274.4</b>	<b>6,366.4</b>	<b>11,192.7</b>	<b>12,464.8</b>	<b>5,646.3</b>	<b>4,627.3</b>	<b>2,115.3</b>
Exploration expenditures.....	..do.....	15,617.2	326.5	311.7	2,752.8	4,170.5	3,477.4	2,340.6	1,779.1	458.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	189.4	129.5	785.6	1,348.4	921.8	1,128.4	853.3	262.8
Dry holes.....	..do.....	2,565.2	62.6	78.1	431.7	585.9	404.2	460.2	432.5	110.1
Oil wells.....	..do.....	714.0	21.8	16.4	77.9	136.4	133.3	119.5	131.9	76.7
Gas wells.....	..do.....	1,459.1	91.0	29.0	157.0	281.3	186.7	398.1	261.0	54.9
Work-in-progress adjustment..	..do.....	881.0	14.0	6.0	119.0	344.8	197.6	150.6	27.9	21.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	80.3	108.4	1,591.1	1,883.0	1,912.2	739.1	613.2	109.3
Land department leasing and scouting.....	..do.....	223.5	8.8	4.3	22.5	43.4	23.5	39.6	70.3	11.2
Geological and geophysical....	..do.....	1,218.2	13.4	33.8	214.0	390.1	278.9	190.5	79.5	17.9
Lease rents.....	..do.....	311.6	8.4	6.9	44.8	75.6	63.3	73.5	41.2	12.0
Test hole contributions.....	..do.....	23.0	1.8	.2			2.7	1.6	2.1	.5
Other exploration expenditures, including direct overhead....	..do.....	523.5	7.0	9.1	67.1	147.8	143.6	88.0	46.4	14.5
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	17.4	19.5	27.7	282.1	131.4	79.9	73.1	30.5
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>17,303.6</b>	<b>332.2</b>	<b>543.8</b>	<b>1,561.1</b>	<b>3,503.9</b>	<b>6,365.2</b>	<b>2,118.7</b>	<b>1,853.8</b>	<b>1,025.0</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	238.2	414.9	1,047.1	1,485.7	1,673.8	1,365.7	1,055.7	691.4
Dry holes.....	..do.....	875.8	21.0	39.4	92.0	103.9	159.3	190.1	134.9	135.3
Oil wells.....	..do.....	2,630.2	79.5	152.3	393.4	509.7	553.0	293.9	360.2	288.2
Gas wells.....	..do.....	3,378.6	97.2	192.0	404.9	593.4	609.0	767.4	476.7	238.0
Work-in-progress adjustment..	..do.....	1,087.9	40.5	31.1	156.8	278.7	352.5	114.3	83.9	29.9
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	47.2					282.8	259.4	137.4
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	27.9			1,483.5	4,277.6			
Fluid injection and improved recovery programs.....	..do.....	528.3	1.3	128.8	514.1	187.3	118.7	296.1	324.4	81.1
Other development expenditures, including direct overhead....	..do.....	544.3	12.8			136.7	160.3	26.6	83.8	79.8
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	4.9			210.7	134.7	74.7	79.6	35.3
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>11,765.6</b>	<b>340.5</b>	<b>418.9</b>	<b>2,052.5</b>	<b>3,518.3</b>	<b>2,622.3</b>	<b>1,187.0</b>	<b>994.4</b>	<b>631.7</b>
Direct operating expenditures..	..do.....	7,295.3	225.0	293.6	1,062.1	2,149.7	1,737.6	746.9	630.5	449.9
Operating and maintenance....	..do.....	5,754.7	167.8	244.8	722.6	1,726.3	1,417.1	625.1	504.2	346.7
Well workovers.....	..do.....	1,001.1	34.8	30.8	164.9			94.4	91.7	65.8
Other direct expenses.....	..do.....	539.7	22.4	18.0	174.5	423.4	320.5	27.5	34.6	37.4
Indirect operating expenditures	..do.....	4,470.3	115.4	125.3	990.4	1,368.6	884.7	440.0	364.0	181.8
Taxes (excluding income taxes).....	..do.....	2,750.4	42.7	69.9	731.0	858.1	515.5	273.4	199.1	60.8
General and administrative overhead.....	..do.....	1,181.3	62.9	55.4	259.5	415.7	215.0	144.6	121.8	91.6
Other indirect expenses.....	..do.....	538.6	9.9			94.8	154.2	22.0	43.1	29.5

See footnotes at end of table.



**Table 8. Detailed Statistics Grouped by Crude Petroleum and Condensate Unit Values:  
1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per barrel							
			0.00 to 9.99	10.00 to 10.49	10.50 to 10.99	11.00 to 11.49	11.50 to 11.99	12.00 to 13.99	14.00 to 17.99	18.00 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	62.6	78.1	431.7	585.9	404.2	460.2	432.5	110.1
Number of wells.....	Number.....	5,073	222	154	374	492	348	923	1,397	1,163
Total footage drilled.....	Thou. ft....	30,830	1,664	966	2,981	4,144	3,235	5,997	7,585	4,258
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	21.8	16.4	77.9	136.4	133.3	119.5	131.9	76.7
Number of wells.....	Number.....	1,826	70	124	81	167	145	293	402	544
Total footage drilled.....	Thou. ft....	9,815	425	503	518	1,293	1,184	1,675	2,239	1,978
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	91.0	29.0	157.0	281.3	186.7	398.1	261.0	54.9
Number of wells.....	Number.....	1,940	196	39	82	225	124	562	566	147
Total footage drilled.....	Thou. ft....	13,960	1,650	321	865	2,029	1,159	3,523	3,589	824
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	21.0	39.4	92.0	103.9	159.3	190.1	134.9	135.3
Number of wells.....	Number.....	2,812	73	198	139	172	312	628	557	734
Total footage drilled.....	Thou. ft....	14,117	424	896	911	1,115	1,936	3,512	2,839	2,484
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	79.5	152.3	393.4	509.7	553.0	293.9	360.2	288.2
Number of wells.....	Number.....	10,351	204	353	788	1,586	1,513	1,080	1,927	2,901
Total footage drilled.....	Thou. ft....	43,872	1,222	1,772	3,727	6,938	7,464	5,066	8,261	9,422
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	97.2	192.0	404.9	593.4	609.0	767.4	476.7	238.0
Number of wells.....	Number.....	6,152	263	373	635	653	656	1,583	1,214	775
Total footage drilled.....	Thou. ft....	38,636	1,611	2,390	4,047	4,613	4,845	9,460	6,904	4,766
Expenditures for platforms.....	Mil. dol....	766.6	9.4	158.3		128.4	173.8	182.1	91.1	23.5
Drilling platforms <sup>2</sup> .....	..do.....	482.3	9.4	158.3		113.0	106.2	78.9	46.3	4.3
Production platforms <sup>3</sup> .....	..do.....	284.3				15.3	67.6	103.2	44.9	19.3
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	106,587.3	2,918.3	2,922.2	16,745.5	29,827.9	25,369.2	14,851.6	10,111.0	3,841.5
Buildings, other structures, and machinery.....	..do.....	104,445.8	2,733.1	2,828.1	16,460.5	29,264.6	25,092.8	14,676.2	9,756.0	3,634.4
Capitalized expenditures.....	..do.....	2,141.5	185.2	94.1	285.0	563.3	276.5	175.4	355.0	207.1
Oil and gas field properties.....	..do.....	27,332.6	477.6	581.0	3,820.6	6,218.4	9,099.7	3,571.2	2,815.0	749.0
Buildings, other structures, and machinery.....	..do.....	26,642.9	430.7	568.5	3,603.3	6,066.6	9,028.0	3,527.3	2,709.2	709.3
Retirement and dispositions.....	..do.....	689.7	46.9	12.5	217.3	151.8	71.7	43.9	105.8	39.7
Oil and gas field properties.....	..do.....	6,106.2	106.2	148.5	549.1	1,450.6	1,162.6	926.9	1,610.7	151.6
Buildings, other structures, and machinery.....	..do.....	5,877.2	92.2	148.5	549.1	1,338.9	1,154.8	910.4	1,588.4	124.2
	..do.....	228.9	14.0				111.8	7.8	16.4	22.3
Gross book value of fixed assets (end of year).....										
Oil and gas field properties.....	..do.....	127,813.7	3,289.8	3,354.7	20,017.0	34,595.7	33,306.4	17,496.0	11,315.3	4,439.0
Buildings, other structures, and machinery.....	..do.....	125,211.5	3,071.6	3,258.8	19,533.3	33,992.3	32,966.0	17,293.1	10,876.8	4,219.5
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	2,602.2	218.1	95.9	483.8	603.4	340.4	202.9	438.5	219.4
Oil and gas field properties.....	..do.....	8,873.5	239.2	277.8	1,606.1	2,426.2	1,708.8	1,240.8	1,130.1	244.6
Buildings, other structures, and machinery.....	..do.....	8,680.3	222.0	272.7	1,588.0	2,363.6	1,692.2	1,225.9	1,086.9	229.0
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	193.2	17.1	5.0	18.1	62.6	16.6	15.0	43.2	15.6
Oil and gas field properties.....	..do.....	48,552.6	1,053.0	1,412.3	8,255.2	15,923.5	10,767.8	6,347.5	3,737.4	1,055.8
Buildings, other structures, and machinery.....	..do.....	47,628.2	975.9	1,380.1	8,103.4	15,686.2	10,653.2	6,272.6	3,572.0	984.9
	..do.....	924.4	77.0	32.2	151.8	237.3	114.7	75.0	165.5	71.0

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 9. Detailed Statistics Grouped by Natural Gas Unit Values: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per 1,000 cu. ft.						
			.000 to .599	.600 to .799	.800 to .999	1,000 to 1,199	1,200 to 1,399	1,400 to 1,599	1,600 and over
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,455.5	56.5	19.9	372.5	610.6	1,088.0	141.8	166.2
From stripper well leases.....	..do.....	302.3	32.6	6.3	51.7	68.5	87.0	19.3	36.9
Lease condensate.....	..do.....	108.8	.2	1.2	21.5	24.8	32.4	12.6	16.3
Natural gas.....	Bil. cu. ft.	14,786.5	116.8	135.8	3,352.8	3,760.8	4,402.0	1,458.4	1,560.0
Lease revenues:									
Crude petroleum and condensate...	Mil. dol....	48,430.8	876.0	359.8	7,661.7	11,808.0	18,223.6	4,104.1	5,397.7
Crude petroleum.....	..do.....	28,938.0	799.9	255.1	4,416.2	7,318.8	12,137.1	1,766.3	2,244.8
Lease condensate.....	..do.....	27,601.2	798.1	238.9	4,166.6	7,011.0	11,758.2	1,607.3	2,021.0
Natural gas.....	..do.....	1,336.8	1.8	16.2	249.6	307.8	378.8	159.0	223.7
Income from oil and gas royalties	..do.....	18,070.2	49.4	94.7	2,893.8	4,138.9	5,747.9	2,189.8	2,955.7
Other lease revenues from pro-	..do.....	1,128.1	19.7	5.9	279.0	294.7	240.7	123.1	165.0
ducing operations.....	..do.....	294.5	7.0	4.1	72.7	55.7	97.8	24.9	32.2
Expenditures (capitalized and expensed):									
Exploration expenditures.....	..do.....	44,686.4	765.4	443.1	6,488.9	10,113.4	17,058.5	3,838.3	5,978.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,617.2	173.7	85.1	2,296.2	3,705.3	5,404.2	1,463.9	2,488.8
Dry holes.....	..do.....	5,619.2	128.1	56.3	767.6	1,317.5	1,483.3	628.3	1,238.1
Oil wells.....	..do.....	2,565.2	39.6	22.3	289.4	578.3	797.3	272.5	565.8
Gas wells.....	..do.....	714.0	68.6	15.5	131.6	147.6	162.0	91.3	97.5
Work-in-progress adjustment..	..do.....	1,459.1	19.8	16.8	194.8	347.1	253.4	223.5	398.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	(Z)	1.8	151.8	244.4	270.6	35.9	176.4
Land department leasing and scouting.....	..do.....	7,036.5	23.0	11.1	1,081.2	1,692.4	2,847.1	575.1	806.4
Geological and geophysical.....	..do.....	223.5	5.6	2.7	35.3	41.9	95.5	14.1	28.5
Lease rents.....	..do.....	1,218.2	3.5	3.0	199.8	292.6	483.4	97.5	138.3
Test hole contributions.....	..do.....	311.6	2.2	6.8	51.3	66.0	81.1	35.5	68.6
Other exploration expenditures, including direct overhead.....	..do.....	23.0	(Z)	-	1.7	6.3	9.9	2.5	2.7
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	5.6	.6	121.3	136.5	121.7	48.5	89.3
Development expenditures.....	..do.....	661.7	5.8	4.5	38.0	152.0	282.1	62.4	116.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	17,303.6	255.7	250.1	1,991.0	3,652.3	7,352.9	1,514.9	2,286.8
Dry holes.....	..do.....	7,972.5	152.4	85.9	1,151.9	1,786.8	2,301.7	1,023.1	1,470.7
Oil wells.....	..do.....	875.8	26.4	7.5	152.9	151.5	210.8	105.3	221.5
Gas wells.....	..do.....	2,630.2	91.8	55.2	365.4	606.6	861.9	291.9	357.5
Work-in-progress adjustment..	..do.....	3,378.6	26.6	24.1	388.8	849.7	790.1	538.2	761.1
Lease equipment <sup>3</sup> .....	..do.....	1,087.9	7.6	-8	244.9	178.9	439.1	87.7	130.6
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	62.4	-	300.5	1,438.7	4,522.3	260.6	292.4
Fluid injection and improved recovery programs.....	..do.....	5,511.3	133.0	-	171.2	162.2	149.9	87.0	389.2
Other development expenditures, including direct overhead.....	..do.....	528.3	28.5	-	117.8	138.6	135.2	26.4	44.8
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	32.5	-	166.9	126.1	243.8	71.8	65.9
Production expenditures.....	..do.....	601.2	10.8	-	82.8	2,201.7	2,755.8	4,301.3	859.5
Direct operating expenditures..	..do.....	11,765.6	336.2	107.9	2,201.7	2,755.8	4,301.3	859.5	1,203.2
Operating and maintenance....	..do.....	7,295.3	241.7	77.7	1,399.9	1,817.1	2,413.2	575.2	770.5
Well workovers.....	..do.....	5,754.7	189.9	60.7	1,155.9	1,472.3	1,766.3	471.7	638.0
Other direct expenses.....	..do.....	1,001.1	39.3	12.3	215.3	246.4	331.1	62.0	94.7
Indirect operating expenditures	..do.....	539.7	12.6	4.8	28.7	98.4	315.8	41.5	37.8
Taxes (excluding income taxes).....	..do.....	4,470.3	94.4	30.1	801.9	938.7	1,888.1	284.3	432.7
General and administrative overhead.....	..do.....	2,750.4	15.6	13.9	469.5	594.9	1,237.9	179.9	238.7
Other indirect expenses.....	..do.....	1,181.3	61.1	15.7	281.4	225.2	343.9	90.9	163.0
	..do.....	538.6	17.8	.5	51.0	118.6	306.3	13.5	31.1

See footnotes at end of table.

Table 9. Detailed Statistics Grouped by Natural Gas Unit Values: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Dollars per 1,000 cu. ft.						
			.000 to .599	.600 to .799	.800 to .999	1.000 to 1.199	1.200 to 1.399	1.400 to 1.599	1.600 and over
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	2,565.2	39.6	22.3	289.4	578.3	797.3	272.5	565.8
Number of wells.....	Number.....	5,073	658	137	530	797	871	614	1,467
Total footage drilled.....	Thou. ft....	30,830	1,578	600	3,193	5,953	6,459	4,125	8,922
Exploration oil wells:									
Expenditures.....	Mil. dol....	714.0	68.6	15.5	131.6	147.6	162.0	91.3	97.5
Number of wells.....	Number.....	1,826	524	50	191	255	215	252	340
Total footage drilled.....	Thou. ft....	9,815	1,486	265	1,433	1,801	1,607	1,487	1,736
Exploration gas wells:									
Expenditures.....	Mil. dol....	1,459.1	19.8	16.8	194.8	347.1	253.4	228.5	398.5
Number of wells.....	Number.....	1,940	95	71	313	273	210	410	569
Total footage drilled.....	Thou. ft....	13,960	461	295	1,778	2,456	1,984	2,583	4,403
Development dry holes:									
Expenditures.....	Mil. dol....	875.8	26.4	7.5	152.9	151.5	210.8	105.3	221.5
Number of wells.....	Number.....	2,812	423	52	293	409	629	264	743
Total footage drilled.....	Thou. ft....	14,117	1,064	209	1,897	2,304	2,969	1,696	3,978
Development oil wells:									
Expenditures.....	Mil. dol....	2,630.2	91.8	55.2	365.4	606.6	861.9	291.9	357.5
Number of wells.....	Number.....	10,351	1,191	490	1,362	2,073	2,488	1,161	1,585
Total footage drilled.....	Thou. ft....	43,872	3,120	1,815	5,782	9,522	11,959	5,564	6,110
Development gas wells:									
Expenditures.....	Mil. dol....	3,378.6	26.6	24.1	388.8	849.7	790.1	538.2	761.1
Number of wells.....	Number.....	6,152	59	209	801	1,502	1,066	850	1,666
Total footage drilled.....	Thou. ft....	38,636	298	579	4,985	9,571	7,679	4,870	10,654
Expenditures for platforms.....	Mil. dol....	766.6	-	(Z)	77.1	146.0	269.1	120.5	153.9
Drilling platforms <sup>2</sup> .....	..do.....	482.3	-	-	50.9	115.1	208.0	64.0	44.3
Production platforms <sup>3</sup> .....	..do.....	284.3	-	(Z)	26.2	30.9	61.1	56.5	109.6
Gross book value of fixed assets (beginning of year) <sup>4</sup> :									
Oil and gas field properties.....	..do.....	106,587.3	1,384.4	827.3	20,453.2	25,203.6	34,574.4	10,949.0	13,195.4
Buildings, other structures, and machinery.....	..do.....	104,445.8	1,310.9	762.9	20,187.0	24,843.9	33,856.5	10,705.5	12,779.1
Capitalized expenditures.....	..do.....	2,141.5	73.5	64.4	266.2	359.8	717.9	243.4	416.3
Oil and gas field properties.....	..do.....	27,332.6	231.3	123.4	3,318.6	6,019.8	11,145.7	2,427.6	4,066.2
Buildings, other structures, and machinery.....	..do.....	26,642.9	220.0	110.5	3,318.6	6,019.8	10,810.7	2,359.5	3,957.7
Retirement and dispositions.....	..do.....	689.7	11.4	12.9	335.0	68.0	108.6		
Oil and gas field properties.....	..do.....	6,106.2	190.5	41.4	1,049.5	1,469.6	1,524.7	938.3	892.1
Buildings, other structures, and machinery.....	..do.....	5,877.2	181.9	41.1	1,049.5	1,469.6	1,476.8	913.6	861.5
Gross book value of fixed assets (end of year).....	..do.....	228.9	8.5	.3	48.0	24.7	30.5		
Oil and gas field properties.....	..do.....	127,813.7	1,425.2	909.3	22,722.3	29,753.8	44,195.4	12,438.3	16,369.5
Buildings, other structures, and machinery.....	..do.....	125,211.5	1,348.9	832.4	22,468.4	29,344.8	43,190.3	12,151.5	15,875.2
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	2,602.2	76.3	76.9	253.9	409.0	1,005.0	286.8	494.3
Oil and gas field properties.....	..do.....	8,873.5	103.5	96.1	1,726.9	2,021.7	2,718.5	871.0	1,335.7
Buildings, other structures, and machinery.....	..do.....	8,680.3	96.1	88.2	1,703.5	1,982.4	2,668.7	848.3	1,293.2
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	193.2	7.4	8.0	23.4	39.4	49.9	22.8	42.5
Oil and gas field properties.....	..do.....	48,552.6	451.4	380.9	10,352.2	12,880.8	15,006.6	4,546.6	4,934.3
Buildings, other structures, and machinery.....	..do.....	47,628.2	410.8	342.0	10,253.3	12,701.9	14,710.5	4,439.2	4,770.4
	..do.....	924.4	40.4	38.8	98.9	178.8	296.0	107.5	163.9

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 10. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets  
by Accounting Method: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	2,144.7	541.3	681.9	921.5	203.3	158.6	44.7	107.5
From stripper well leases.....	..do.....	302.3	235.0	79.3	90.3	65.4	48.6	33.5	15.1	18.7
Lease condensate.....	..do.....	108.8	84.0	22.7	36.6	24.6	20.5	18.5	2.0	4.3
Natural gas.....	Bil. cu. ft.	14,786.5	11,474.2	2,858.0	5,292.5	3,323.8	2,825.6	2,536.7	288.9	486.7
Lease revenues.....	Mil. dol....	48,430.8	38,979.0	9,873.0	14,274.1	14,831.9	6,978.3	5,798.1	1,180.2	2,473.5
Crude petroleum and condensate...	..do.....	28,938.0	24,475.6	6,281.1	8,013.7	10,180.7	2,735.4	2,063.5	671.9	1,727.0
Crude petroleum.....	..do.....	27,601.2	23,455.8	6,007.2	7,557.9	9,890.6	2,476.6	1,834.2	642.3	1,668.9
Lease condensate.....	..do.....	1,336.8	1,019.8	273.9	455.8	290.0	258.9	229.3	29.6	58.2
Natural gas.....	..do.....	18,070.2	13,444.5	3,356.0	5,737.4	4,351.2	3,962.7	3,504.9	457.8	663.0
Income from oil and gas royalties	..do.....	1,128.1	840.3	187.8	405.4	247.1	209.6	188.4	21.2	78.2
Other lease revenues from pro- ducing operations.....	..do.....	294.5	218.6	48.1	117.7	52.9	70.6	41.3	29.3	5.3
Expenditures (capitalized and expensed).....	..do.....	44,686.4	35,204.7	13,140.8	12,372.3	9,691.5	7,788.8	6,850.6	938.3	1,692.8
Exploration expenditures.....	..do.....	15,617.2	11,816.1	3,329.0	4,470.9	4,016.2	3,344.3	2,946.5	397.9	456.8
Drilling and equipping wells <sup>2 3</sup>	..do.....	5,619.2	3,888.5	1,246.4	1,526.0	1,116.1	1,453.6	1,240.0	213.6	277.1
Dry holes.....	..do.....	2,565.2	1,794.1	505.0	617.5	671.6	658.5	539.9	118.5	112.7
Oil wells.....	..do.....	714.0	487.3	184.8	215.0	87.5	161.8	135.0	26.9	64.8
Gas wells.....	..do.....	1,459.1	936.5	333.2	410.1	193.2	442.2	410.0	32.2	80.4
Work-in-progress adjustment..	..do.....	881.0	670.6	223.4	283.4	163.8	191.2	155.2	36.0	19.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	5,596.8	1,396.3	2,062.4	2,138.1	1,348.5	1,250.1	98.4	91.2
Land department leasing and scouting.....	..do.....	223.5	167.7	79.9	43.8	44.0	46.3	39.1	7.2	9.5
Geological and geophysical....	..do.....	1,218.2	1,016.7	338.3	348.6	329.8	174.0	151.2	22.8	27.5
Lease rents.....	..do.....	311.6	210.9	67.1	87.3	56.5	84.1	68.9	15.1	16.6
Test hole contributions.....	..do.....	23.0	16.3	6.6	4.1	5.5	5.5	5.3	.2	1.2
Other exploration expenditures, including direct overhead.....	..do.....	523.5	400.6	73.0	222.7	104.9	113.7	98.3	15.4	9.2
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	518.7	121.5	176.0	221.2	118.7	93.6	25.1	24.3
Development expenditures.....	..do.....	17,303.6	13,552.2	6,896.6	4,107.3	2,548.4	2,988.1	2,700.8	287.3	763.3
Drilling and equipping wells <sup>2 3</sup>	..do.....	7,972.5	5,444.2	1,850.0	1,962.5	1,631.7	1,997.3	1,798.3	199.0	531.1
Dry holes.....	..do.....	875.8	470.2	174.1	140.5	155.5	274.9	242.0	32.9	130.8
Oil wells.....	..do.....	2,630.2	1,981.0	724.3	636.2	620.5	480.8	390.8	89.9	168.5
Gas wells.....	..do.....	3,378.6	2,186.7	689.0	891.9	605.8	992.2	915.5	76.7	199.6
Work-in-progress adjustment..	..do.....	1,087.9	806.3	262.5	293.8	250.0	249.3	249.9	-5	32.2
Lease equipment <sup>4</sup> .....	..do.....	2,146.0	1,681.4	4,568.7	1,644.7	491.9	329.7	296.8	33.0	134.8
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	5,055.2			31.3	420.0	411.7	8.3	36.1
Fluid injection and improved recovery programs.....	..do.....	528.3	480.1	163.8	205.5	110.8	43.8	39.4	4.4	4.4
Other development expenditures, including direct overhead.....	..do.....	544.3	415.4	192.5	126.9	96.0	92.2	66.8	25.4	36.8
General and administrative overhead not reported elsewhere.....	..do.....	601.2	475.9	121.7	167.6	186.6	105.2	87.9	17.3	20.1
Production expenditures.....	..do.....	11,765.6	9,836.5	2,915.2	3,794.2	3,127.0	1,456.3	1,203.2	253.1	472.7
Direct operating expenditures..	..do.....	7,295.3	6,041.1	2,185.7	2,308.3	1,547.0	930.3	766.5	163.8	323.9
Operating and maintenance....	..do.....	5,754.7	4,753.0	1,748.1	1,834.8	1,170.0	756.5	620.4	136.2	245.2
Well workovers.....	..do.....	1,001.1	801.3	267.5	361.6	172.2	143.1	122.7	20.4	56.7
Other direct expenses.....	..do.....	539.7	486.8	170.1	111.9	204.8	30.8	23.4	7.3	22.1
Indirect operating expenditures	..do.....	4,470.3	3,795.4	729.5	1,485.9	1,580.0	526.1	436.8	89.3	148.8
Taxes (excluding income taxes)	..do.....	2,750.4	2,394.9	463.5	859.4	1,072.0	290.1	237.6	52.4	65.4
General and administrative overhead.....	..do.....	1,181.3	921.6	181.8	419.6	320.2	196.2	164.1	32.1	63.5
Other indirect expenses.....	..do.....	538.6	478.9	84.2	206.9	187.8	39.8	35.1	4.7	19.9

See footnotes at end of table.

**Table 10. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Gross book value of fixed assets (beginning of year).....	Mil. dol....	106,587.3	82,271.7	27,315.1	31,815.3	23,141.3	21,120.1	19,223.9	1,896.1	3,195.5
Oil and gas field properties.....	..do.....	104,445.8	80,718.6	26,742.9	31,378.2	22,597.6	20,677.0	18,858.7	1,818.4	3,050.1
Nonproducing properties.....	..do.....	15,614.2	10,233.5	3,833.7	3,604.2	2,795.7	5,067.0	4,695.0	372.0	313.8
Leaseholds.....	..do.....	12,953.1	9,656.7	3,563.8	3,362.8	2,730.1	3,041.9	2,770.0	271.9	254.5
Other pre-development accounts.....	..do.....	2,661.2	576.8	269.9	241.3	65.7	2,025.1	1,925.1	100.0	59.3
Producing properties.....	..do.....	82,903.8	66,654.6	21,998.7	26,161.4	18,494.5	13,641.0	12,347.6	1,293.4	2,608.2
Leaseholds.....	..do.....	17,226.2	13,159.3	4,813.8	5,509.8	2,835.7	3,215.2	3,034.2	181.0	851.8
Intangible drilling and development accounts.....	..do.....	35,455.6	28,604.9	9,399.1	11,888.8	7,317.0	6,120.1	5,574.8	545.3	730.7
Lease and well equipment.....	..do.....	30,222.0	24,890.5	7,785.8	8,762.9	8,341.8	4,305.7	3,738.6	567.1	1,025.8
Work-in-progress.....	..do.....	5,927.7	3,830.5	910.5	1,612.7	1,307.3	1,969.1	1,816.1	153.0	128.2
Intangible drilling and development accounts.....	..do.....	3,510.1	2,187.8	485.6	962.9	739.3	1,251.9	1,132.4	119.4	70.4
Lease and well equipment.....	..do.....	2,417.6	1,642.7	424.9	649.8	568.0	717.2	683.7	33.5	57.7
Buildings, other structures, and machinery.....	..do.....	2,141.5	1,553.1	572.2	437.1	543.7	443.0	365.3	77.8	145.4
Capitalized expenditures.....	..do.....	27,332.6	21,238.5	9,244.1	6,837.6	5,156.8	5,593.9	5,085.3	508.5	500.2
Oil and gas field properties.....	..do.....	26,642.9	20,666.0	8,921.9	6,713.3	5,030.8	5,504.8	5,012.0	492.7	472.2
Nonproducing properties.....	..do.....	7,445.8	5,600.5	1,405.4	2,061.7	2,133.4	1,721.3	1,600.3	121.0	124.0
Leaseholds.....	..do.....	6,823.6	5,456.3	1,324.2	2,010.1	2,122.1	1,287.7	1,190.9	96.8	79.6
Other pre-development accounts.....	..do.....	622.2	144.1	81.2	51.6	11.4	433.7	409.4	24.2	44.5
Producing properties.....	..do.....	13,412.5	10,615.3	6,708.9	2,892.9	1,013.5	2,492.2	2,361.2	131.0	305.0
Leaseholds.....	..do.....	4,864.6	4,501.5	3,964.0	510.6	27.0	333.4	326.8	6.6	29.7
Intangible drilling and development accounts.....	..do.....	5,208.5	3,602.7	1,628.4	1,346.7	627.7	1,453.9	1,387.0	66.9	151.9
Lease and well equipment.....	..do.....	3,339.4	2,511.0	1,116.5	1,035.6	358.9	704.9	647.3	57.6	123.5
Work-in-progress.....	..do.....	5,784.6	4,450.3	807.6	1,758.7	1,883.9	1,291.2	1,050.6	240.6	43.2
Intangible drilling and development accounts.....	..do.....	3,961.4	3,018.2	548.9	1,227.2	1,242.1	922.6	742.9	179.7	20.5
Lease and well equipment.....	..do.....	1,823.3	1,432.1	258.7	531.5	641.9	368.6	307.6	60.9	22.6
Buildings, other structures, and machinery.....	..do.....	689.7	572.5	322.2	124.3	126.0	89.1	73.3	15.8	28.0
Retirements and dispositions.....	..do.....	6,106.2	4,445.2	1,889.8	1,456.5	1,098.9	1,515.6	1,233.4	282.2	145.3
Oil and gas properties.....	..do.....	5,877.2	4,263.0	1,849.5	1,362.7	1,050.8	1,477.8	1,218.2	259.6	136.5
Nonproducing properties.....	..do.....	2,462.5	1,940.5	823.1	659.9	457.6	489.5	442.7	46.7	32.5
Leaseholds.....	..do.....	2,154.7	1,759.3	725.9	610.9	422.5	375.1	336.8	38.3	20.3
Other pre-development accounts.....	..do.....	307.8	181.3	97.2	49.0	35.1	114.3	106.0	8.4	12.2
Producing properties.....	..do.....	2,666.1	1,778.9	895.0	530.0	353.9	791.8	672.5	119.3	95.4
Leaseholds.....	..do.....	564.3	394.9	275.6	50.9	68.4	144.5	126.4	18.1	24.8
Intangible drilling and development accounts.....	..do.....	1,259.7	825.9	355.0	318.8	152.1	403.4	358.0	45.4	30.4
Lease and well equipment.....	..do.....	842.1	558.1	264.4	160.4	133.3	243.9	188.1	55.8	40.1
Work-in-progress.....	..do.....	748.6	543.6	131.3	172.8	239.4	196.5	102.9	93.6	8.6
Intangible drilling and development accounts.....	..do.....	607.8	448.1	113.5	118.4	216.2	155.3	88.6	66.7	4.5
Lease and well equipment.....	..do.....	140.8	95.4	17.8	54.4	23.2	41.2	14.3	26.9	4.2
Buildings, other structures, and machinery.....	..do.....	228.9	182.3	40.3	93.8	48.1	37.9	15.2	22.7	8.8
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	99,065.0	34,669.4	37,196.4	27,199.2	25,198.3	23,075.9	2,122.4	3,550.4
Oil and gas field properties.....	..do.....	125,211.5	97,121.6	33,815.3	36,728.7	26,577.6	24,704.0	22,652.5	2,051.5	3,385.8
Nonproducing properties.....	..do.....	19,373.6	12,762.6	3,895.5	4,427.7	4,439.4	6,189.4	5,751.8	437.6	421.7
Leaseholds.....	..do.....	16,408.1	12,358.5	3,698.2	4,273.0	4,387.3	3,745.8	3,457.0	288.9	303.8
Other pre-development accounts.....	..do.....	2,965.6	404.1	197.3	154.7	52.1	2,443.6	2,294.8	148.7	117.9
Producing properties.....	..do.....	98,767.7	79,414.3	28,666.3	30,124.9	20,623.0	16,516.8	15,063.1	1,453.7	2,836.6
Leaseholds.....	..do.....	22,626.8	18,062.2	8,800.8	6,462.5	2,798.9	3,699.4	3,500.1	199.3	865.2
Intangible drilling and development accounts.....	..do.....	42,122.9	33,456.2	11,062.6	13,649.2	8,744.4	7,833.1	7,192.2	640.9	833.6
Lease and well equipment.....	..do.....	34,018.0	27,895.9	8,802.9	10,013.3	9,079.8	4,984.3	4,370.7	613.5	1,137.8
Work-in-progress.....	..do.....	7,070.2	4,944.8	1,253.5	2,176.1	1,515.2	1,997.9	1,837.7	160.2	127.5
Intangible drilling and development accounts.....	..do.....	4,298.7	2,927.5	689.8	1,342.5	895.2	1,294.2	1,163.0	131.2	77.1
Lease and well equipment.....	..do.....	2,771.4	2,017.3	563.7	833.6	620.1	703.7	674.7	29.0	50.4
Buildings, other structures, and machinery.....	..do.....	2,602.2	1,943.4	854.2	467.6	621.6	494.3	423.4	70.9	164.6

See footnotes at end of table.

**Table 10. Detailed Statistics Grouped by the Ratio of Net Revenues to Net Book Value of Fixed Assets by Accounting Method: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by accounting method and selected size-class <sup>1</sup>							Combined or other methods
			Successful efforts				Full cost			
			Total	.000 to .299	.300 to .499	.500 or over	Total	.000 to .499	.500 or over	
Depletion, depreciation, and amortization of fixed assets:										
Cost during 1979.....	Mil. dol....	8,873.5	6,997.5	2,429.4	2,706.0	1,862.1	1,699.4	1,547.8	151.6	176.6
Oil and gas properties.....	..do.....	8,680.3	6,855.6	2,375.1	2,659.4	1,821.2	1,663.0	1,518.1	145.0	161.7
Nonproducing properties.....	..do.....	1,789.9	1,429.2	316.7	559.2	553.3	346.4	324.1	22.3	14.3
Leaseholds.....	..do.....	1,594.6	1,401.6	299.7	550.5	551.4	185.0	171.2	13.8	8.0
Other pre-development accounts.....	..do.....	195.4	27.6	17.0	8.7	1.9	161.5	152.9	8.5	6.3
Producing properties.....	..do.....	6,800.1	5,406.5	2,044.0	2,096.7	1,265.7	1,253.4	1,131.6	121.8	140.1
Leaseholds.....	..do.....	1,374.2	1,021.2	467.8	398.2	155.1	321.2	307.2	13.9	31.9
Intangible drilling and development accounts.....	..do.....	3,057.5	2,430.7	970.5	955.4	504.8	581.9	526.2	55.7	44.8
Lease and well equipment....	..do.....	2,368.4	1,954.6	605.7	743.1	605.8	350.4	298.2	52.2	63.4
Work-in-progress.....	..do.....	90.3	19.9	14.4	3.4	2.2	63.2	62.3	.8	7.3
Intangible drilling and development accounts.....	..do.....	61.9	12.4	9.6	1.9	.9	44.6	44.0	.6	4.8
Lease and well equipment....	..do.....	28.4	7.5	4.8	1.5	1.2	18.5	18.3	.2	2.4
Buildings, other structures, and machinery.....	..do.....	193.2	141.9	54.3	46.6	40.9	36.4	29.8	6.7	14.9
Accumulated cost, end of 1979....	..do.....	48,552.6	39,932.9	11,486.9	16,926.3	11,519.7	7,742.3	6,929.7	812.6	877.5
Oil and gas field properties....	..do.....	47,628.2	39,234.3	11,214.4	16,717.7	11,302.1	7,587.3	6,800.6	786.5	806.8
Nonproducing properties.....	..do.....	4,812.1	3,550.6	933.3	1,296.5	1,320.8	1,195.9	1,097.4	98.5	65.6
Leaseholds.....	..do.....	4,024.2	3,460.3	890.0	1,262.1	1,308.2	520.2	468.3	51.9	43.7
Other pre-development accounts.....	..do.....	787.9	90.3	43.3	34.5	12.6	675.7	629.1	46.6	21.9
Producing properties.....	..do.....	42,536.1	35,615.0	10,237.3	15,410.1	9,967.7	6,212.5	5,529.7	682.8	708.6
Leaseholds.....	..do.....	7,925.8	6,337.3	1,942.6	2,808.7	1,586.0	1,409.7	1,331.7	78.0	178.9
Intangible drilling and development accounts.....	..do.....	18,874.9	15,710.0	4,394.1	7,111.0	4,205.0	3,028.9	2,767.3	261.6	135.9
Lease and well equipment....	..do.....	15,735.4	13,567.7	3,900.7	5,490.4	4,176.6	1,773.9	1,430.6	343.3	393.8
Work-in-progress.....	..do.....	280.0	68.7	43.9	11.2	13.7	178.8	173.6	5.2	32.6
Intangible drilling and development accounts.....	..do.....	188.6	39.7	28.2	7.1	4.5	127.0	123.3	3.8	21.8
Lease and well equipment....	..do.....	91.5	28.9	15.7	4.1	9.2	51.7	50.3	1.4	10.8
Buildings, other structures, and machinery.....	..do.....	924.4	698.6	272.4	208.6	217.6	155.1	129.0	26.1	70.7
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	1,794.1	505.0	617.5	671.6	658.5	539.9	118.5	112.7
Number of wells.....	Number.....	5,073	2,884	945	997	942	1,591	935	656	598
Total footage drilled.....	Thou. ft....	30,830	18,351	6,098	5,608	6,645	8,851	6,437	2,414	3,628
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	487.3	184.8	215.0	87.5	161.8	135.0	26.9	64.8
Number of wells.....	Number.....	1,826	849	216	379	254	580	341	239	397
Total footage drilled.....	Thou. ft....	9,815	5,333	1,776	2,132	1,425	2,741	1,846	895	1,741
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	936.5	333.2	410.1	193.2	442.2	410.0	32.2	80.4
Number of wells.....	Number.....	1,940	1,177	474	433	271	527	405	122	237
Total footage drilled.....	Thou. ft....	13,960	8,562	3,565	2,891	2,106	3,890	3,308	582	1,508
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	470.2	174.1	140.5	155.5	274.9	242.0	32.9	130.8
Number of wells.....	Number.....	2,812	1,489	578	367	545	936	644	292	387
Total footage drilled.....	Thou. ft....	14,117	6,874	2,436	1,992	2,446	5,226	4,179	1,047	2,017
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	1,981.0	724.3	636.2	620.5	480.8	390.8	89.9	168.5
Number of wells.....	Number.....	10,351	6,560	2,158	2,582	1,820	2,913	1,537	1,376	878
Total footage drilled.....	Thou. ft....	43,872	28,284	9,988	9,757	8,539	11,013	7,167	3,846	4,575
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	2,186.7	689.0	891.9	605.8	992.2	915.5	76.7	199.6
Number of wells.....	Number.....	6,152	3,091	957	1,124	1,010	2,409	1,997	412	652
Total footage drilled.....	Thou. ft....	38,636	20,143	6,294	7,462	6,387	14,201	12,490	1,711	4,292
Expenditures for platforms.....	Mil. dol....	766.6	552.5	238.8	183.8	129.9	204.2	175.3	28.9	9.9
Drilling platforms <sup>3</sup> .....	..do.....	482.3	380.1	184.4	111.6	84.2	100.9	92.9	8.0	1.2
Production platforms <sup>4</sup> .....	..do.....	284.3	172.4	54.4	72.2	45.7	103.3	82.4	20.9	8.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>The numerator of the ratio was derived by subtracting production expenditures and cost of depreciation, depletion, and amortization during the year from lease revenues. The denominator was derived by subtracting accumulated depreciation, depletion, and amortization from gross book value of assets at the end of the year.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 11. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	323.7	41.9	559.7		413.9	416.9	492.9	206.4
From stripper well leases.....	..do.....	302.3	15.0	14.0	73.1		44.6	42.5	89.9	23.2
Lease condensate.....	..do.....	108.8	.7	1.3	24.0		20.4	15.1	34.7	12.5
Natural gas.....	Bil. cu. ft.	14,786.5	316.3	264.3	3,516.8		2,776.0	2,528.5	4,021.8	1,362.8
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	48,430.8	4,421.4	903.7	10,670.3		8,504.0	8,049.3	11,328.4	4,553.8
Crude petroleum.....	..do.....	28,938.0	3,911.4	564.1	6,354.3		4,815.4	4,750.1	6,014.9	2,527.9
Lease condensate.....	..do.....	27,601.2	3,900.4	545.2	6,071.5		4,574.7	4,556.4	5,590.4	2,362.7
Natural gas.....	..do.....	1,336.8	11.0	18.9	282.8		240.7	193.7	424.5	165.2
Income from oil and gas royalties	..do.....	18,070.2	482.2	292.8	4,104.6		3,316.8	3,092.2	4,838.3	1,943.3
Other lease revenues from producing operations.....	..do.....	1,128.1	24.2	38.4	185.7		250.5	188.2	387.0	53.9
Expenditures (capitalized and expensed).....	..do.....	294.5	3.6	8.3	25.6		121.3	18.8	88.2	28.7
Exploration expenditures.....	..do.....	44,686.4	1,352.4	463.0	7,051.7		6,383.6	6,880.7	12,124.6	10,430.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,617.2	289.2	105.3	2,457.6		2,561.5	2,975.8	4,413.9	2,813.8
Dry holes.....	..do.....	5,619.2	102.4		739.9		775.4	1,364.9	1,498.6	1,138.1
Oil wells.....	..do.....	2,565.2	46.4		110.7		322.5	431.3	515.1	611.6
Gas wells.....	..do.....	714.0	27.1		30.4		51.9	65.3	187.3	218.1
Work-in-progress adjustment.....	..do.....	1,459.1	23.7		49.7		129.8	153.7	304.7	439.9
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	5.3		44.9		125.0	357.8	228.9	119.0
Land department leasing and scouting.....	..do.....	7,036.5	241.7		1,287.5		1,147.5	990.1	2,191.3	1,178.5
Geological and geophysical.....	..do.....	223.5	7.0		34.3		33.2	23.6	96.8	28.6
Lease rents.....	..do.....	1,218.2	18.1		201.7		249.7	267.8	276.9	204.1
Test hole contributions.....	..do.....	311.6	5.7		35.9		132.7		77.6	59.6
Other exploration expenditures, including direct overhead.....	..do.....	23.0	.3		4.4		10.1		5.1	3.2
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	14.1		64.0		99.7	118.8	165.0	61.8
Development expenditures.....	..do.....	661.7	5.2		89.9		205.2	118.8	102.7	140.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	17,303.6	330.2	171.5	1,868.2		1,967.5	1,910.3	4,672.1	6,383.8
Dry holes.....	..do.....	7,972.5	205.6	131.5	337.9		788.9	1,347.3	1,181.5	2,347.7
Oil wells.....	..do.....	875.8	8.0	8.9	29.0		63.9	129.2	137.1	213.3
Gas wells.....	..do.....	2,630.2	118.9	63.9	110.7		311.6	380.9	378.0	799.3
Work-in-progress adjustment.....	..do.....	3,378.6	21.8	51.7	138.5		349.6	617.0	498.2	982.3
Lease equipment <sup>3</sup> .....	..do.....	1,087.9	56.8	6.9	59.6		63.8	220.2	168.3	352.8
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	87.2	31.1	321.3		324.5	489.8	558.6	333.4
Fluid injection and improved recovery programs.....	..do.....	5,511.3			52.8		14.0	49.2	5,929.5	
Other development expenditures, including direct overhead.....	..do.....	528.3	43.4		144.3		66.2	84.1		
General and administrative overhead, not reported elsewhere.....	..do.....	544.3			97.5		33.2	49.8		
Production expenditures.....	..do.....	601.2	1.5	1.3	125.6		162.4	56.0	152.3	102.2
Direct operating expenditures.....	..do.....	11,765.6	733.0	186.1	2,725.9		1,854.6	1,994.6	3,038.7	1,232.7
Operating and maintenance.....	..do.....	7,295.3	307.3	127.1	1,489.0		1,058.9	1,286.1	2,163.1	863.8
Well workovers.....	..do.....	5,754.7	240.5	102.7	1,138.3		829.2	999.1	1,836.3	608.6
Other direct expenses.....	..do.....	1,001.1	24.7	19.2	248.7		130.7	203.8	211.6	162.3
Indirect operating expenditures	..do.....	539.7	42.1	5.3	102.0		99.0	83.1	115.2	92.9
Taxes (excluding income taxes).....	..do.....	4,470.3	425.7	59.0	1,236.9		795.7	708.5	875.6	368.9
General and administrative overhead.....	..do.....	2,750.4	371.5		669.6		508.8	448.8	567.7	184.0
Other indirect expenses.....	..do.....	1,181.3	78.0		318.8		241.0	164.5	241.7	137.3
	..do.....	538.6	35.2		248.5		45.9	95.2	66.2	47.5

See footnotes at end of table.

**Table 11. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:**  
**1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Gross book value of fixed assets (beginning of year).....	Mil. dol....	106,587.3	4,689.5	1,234.0		20,260.8	19,196.8	19,110.3	29,034.8	13,061.1
Oil and gas field properties.....	..do.....	104,445.8	4,614.8	1,121.6		19,896.6	18,783.3	18,777.4	28,437.2	12,814.8
Nonproducing properties.....	..do.....	15,614.2	119.8	148.7		2,363.1	3,162.2	2,575.2	4,666.1	2,579.1
Leaseholds.....	..do.....	12,953.1	101.9	119.5		2,210.1	2,415.1	2,124.3	4,009.7	1,972.4
Other pre-development accounts.....	..do.....	2,661.2	17.9	29.2		153.0	747.1	450.9	656.4	606.7
Producing properties.....	..do.....	82,903.8	4,236.7	925.0		16,587.3	14,602.9	15,101.1	22,193.3	9,257.5
Leaseholds.....	..do.....	17,226.2	754.8	138.2		2,829.8	3,016.1	3,133.7	5,440.2	1,913.3
Intangible drilling and development accounts.....	..do.....	35,455.6	1,105.4	160.4		7,594.3	6,434.6	6,565.2	9,419.6	4,176.1
Lease and well equipment.....	..do.....	30,222.0	2,376.5	626.4		6,163.2	5,152.1	5,402.1	7,333.5	3,168.0
Work-in-progress.....	..do.....	5,927.7	258.2	47.8		946.2	1,018.2	1,101.2	1,577.7	978.3
Intangible drilling and development accounts.....	..do.....	3,510.1	125.1	21.5		490.5	657.5	706.9	947.9	560.8
Lease and well equipment.....	..do.....	2,417.6	133.2	26.3		455.7	360.7	394.4	629.8	417.5
Buildings, other structures, and machinery.....	..do.....	2,141.5	74.7	112.4		364.1	413.5	332.9	597.6	246.3
Capitalized expenditures.....	..do.....	27,332.6	532.4	134.9		3,534.9	3,733.4	3,866.3	7,559.3	7,971.5
Oil and gas field properties.....	..do.....	26,642.9	624.3			3,446.1	3,631.3	3,652.1	7,402.2	7,887.0
Nonproducing properties.....	..do.....	7,445.8	249.8			1,292.0	1,290.9	1,029.6	2,256.9	1,326.5
Leaseholds.....	..do.....	6,823.6	236.5			1,284.9	1,118.4	948.5	2,117.3	1,118.0
Other pre-development accounts.....	..do.....	622.2	13.3			7.1	172.5	81.1	139.7	208.6
Producing properties.....	..do.....	13,412.5	221.2			1,069.1	1,008.0	1,718.9	3,523.7	5,871.5
Leaseholds.....	..do.....	4,864.6	13.2			35.6	13.5	45.3	2,491.8	5,098.4
Intangible drilling and development accounts.....	..do.....	5,208.5	112.5			701.4	559.8	1,001.6		
Lease and well equipment.....	..do.....	3,339.4	95.6			332.1	434.7	671.9	1,031.9	773.1
Work-in-progress.....	..do.....	5,784.6	153.2			1,084.9	1,332.3	903.6	1,621.6	689.0
Intangible drilling and development accounts.....	..do.....	3,961.4	68.5			711.1	987.1	626.0	1,032.6	536.2
Lease and well equipment.....	..do.....	1,823.3	84.8			373.9	345.2	277.6	589.0	152.8
Buildings, other structures, and machinery.....	..do.....	689.7	43.0			88.9	102.1	214.2	157.1	84.5
Retirements and dispositions.....	..do.....	6,106.2	200.5			865.0	1,162.3	1,358.7	1,421.7	1,098.0
Oil and gas properties.....	..do.....	5,877.2	180.4			768.2	1,137.7	1,316.3	1,390.3	1,084.4
Nonproducing properties.....	..do.....	2,462.5	34.2			439.0	379.5	539.9	706.3	363.6
Leaseholds.....	..do.....	2,154.7	26.4			437.4	305.6	429.7	657.0	298.5
Other pre-development accounts.....	..do.....	307.8	7.7			1.6	74.0	110.2	49.2	65.1
Producing properties.....	..do.....	2,666.1	132.1			293.2	466.5	610.5	583.4	580.5
Leaseholds.....	..do.....	564.3	15.7			28.7	66.9	268.5	91.7	92.7
Intangible drilling and development accounts.....	..do.....	1,259.7	46.8			155.9	288.8	181.2	271.3	315.7
Lease and well equipment.....	..do.....	842.1	69.6			108.5	110.8	160.8	220.3	172.1
Work-in-progress.....	..do.....	748.6	14.1			36.1	291.7	165.9	100.6	140.2
Intangible drilling and development accounts.....	..do.....	607.8	9.1			28.6	240.7	129.4	77.2	122.9
Lease and well equipment.....	..do.....	140.8	5.0			7.4	51.0	36.5	23.4	17.4
Buildings, other structures, and machinery.....	..do.....	228.9	20.0			96.8	24.7	42.4	31.4	13.7
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	5,057.3	1,333.0		22,930.7	21,767.8	21,617.9	35,172.5	19,934.5
Oil and gas field properties.....	..do.....	125,211.5	4,970.9	1,209.4		22,574.4	21,276.9	21,113.3	34,449.2	19,617.4
Nonproducing properties.....	..do.....	19,373.6	341.8	152.1		2,898.9	3,757.4	2,931.0	5,903.9	3,388.5
Leaseholds.....	..do.....	16,408.1	311.0	117.4		2,774.1	3,020.0	2,499.0	5,162.8	2,523.8
Other pre-development accounts.....	..do.....	2,965.6	30.7	34.7		124.9	737.4	432.0	741.1	864.8
Producing properties.....	..do.....	98,767.7	4,323.7	1,008.4		18,648.5	16,224.4	16,667.2	26,906.5	14,988.9
Leaseholds.....	..do.....	22,626.8	748.8	144.8		3,121.5	3,089.9	3,053.8	6,561.8	5,906.2
Intangible drilling and development accounts.....	..do.....	42,123.9	1,202.9	181.8		8,767.7	7,393.3	7,626.9	11,707.8	5,242.4
Lease and well equipment.....	..do.....	34,018.0	2,372.0	681.8		6,759.4	5,741.1	5,986.5	8,637.0	3,840.2
Work-in-progress.....	..do.....	7,070.2	305.4	48.8		1,027.0	1,295.2	1,515.0	1,638.8	1,240.1
Intangible drilling and development accounts.....	..do.....	4,298.7	142.4	24.2		563.1	885.5	947.5	968.4	767.6
Lease and well equipment.....	..do.....	2,771.4	162.9	24.6		463.9	409.6	567.5	670.4	472.5
Buildings, other structures, and machinery.....	..do.....	2,602.2	86.5	123.6		356.3	490.9	504.6	723.3	317.1

See footnotes at end of table.



Table 11. Detailed Statistics Grouped by the Ratio of Total Expenditures to Total Revenues:  
1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .599	.600 to .649	.650 to .699	.700 to .799	.800 to .899	.900 to 1.399	1.400 and over
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	Mil. dol....	8,873.5	280.0	97.2	1,691.7		1,552.3	1,764.0	2,590.5	897.8
Oil and gas properties.....	..do.....	8,680.3	278.0	89.7	1,657.8		1,514.9	1,736.0	2,526.3	877.6
Nonproducing properties.....	..do.....	1,789.9	14.0	1.5	465.7		432.3	182.4	466.7	227.4
Leaseholds.....	..do.....	1,594.6			459.8				429.8	152.7
Other pre-development accounts.....	..do.....	195.4	14.0	1.5	5.9		432.3	182.4	36.9	74.7
Producing properties.....	..do.....	6,800.1	261.0	85.1	1,190.5		1,079.8	1,545.8	2,028.9	609.0
Leaseholds.....	..do.....	1,374.2	22.9	23.9	193.7		184.5	249.3	508.3	191.7
Intangible drilling and development accounts.....	..do.....	3,057.5	238.1	61.3	531.0		494.2	767.4	913.2	272.2
Lease and well equipment.....	..do.....	2,368.4			465.8		401.0	529.0	607.4	145.1
Work-in-progress.....	..do.....	90.3	3.0	3.1	1.6		2.9	7.8	30.7	41.3
Intangible drilling and development accounts.....	..do.....	61.9	2.1	1.7	.6		2.2	5.3	21.2	28.9
Lease and well equipment.....	..do.....	28.4	.9	1.4	1.0		.7	2.5	9.5	12.4
Buildings, other structures, and machinery.....	..do.....	193.2	2.0	7.5	33.9		37.4	28.0	64.2	20.2
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	48,552.6	899.7	458.2	10,404.8		10,309.1	9,703.2	13,752.3	3,025.3
Oil and gas field properties.....	..do.....	47,628.2	889.1	429.2	10,230.8		10,127.9	9,554.7	13,449.8	2,946.7
Nonproducing properties.....	..do.....	4,812.1	30.5	6.3	920.2		1,288.9	897.3	1,091.6	577.2
Leaseholds.....	..do.....	4,024.2	28.0	5.3	897.1				913.0	403.7
Other pre-development accounts.....	..do.....	787.9	2.6	1.0	23.1		1,288.9	897.3	178.6	173.5
Producing properties.....	..do.....	42,536.1	845.5	410.0	9,295.6		8,826.0	8,635.0	12,243.3	2,280.7
Leaseholds.....	..do.....	7,925.8	94.0	81.0	1,405.4		1,800.1	1,529.3	2,464.1	552.0
Intangible drilling and development accounts.....	..do.....	18,874.9	239.0	79.3	4,055.0		4,034.8	3,766.7	5,760.0	940.1
Lease and well equipment.....	..do.....	15,735.4	512.6	249.7	3,835.2		2,991.1	3,339.1	4,019.2	788.6
Work-in-progress.....	..do.....	280.0	13.1	12.9	14.9		13.0	22.4	114.9	88.8
Intangible drilling and development accounts.....	..do.....	188.6	9.9	5.1	14.9		13.0	16.6	78.5	63.5
Lease and well equipment.....	..do.....	91.5	3.2	7.8				5.8	36.4	25.3
Buildings, other structures, and machinery.....	..do.....	924.4	10.6	29.0	174.0		181.2	148.5	302.5	78.5
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	46.4		110.7	322.5	431.3	515.1	611.6	527.6
Number of wells.....	Number.....	5,073	263		178	329	542	803	1,872	1,087
Total footage drilled.....	Thou. ft....	30,830	930		1,078	2,368	3,769	5,872	10,164	6,649
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	27.1		30.4	51.9	65.3	187.3	218.1	133.8
Number of wells.....	Number.....	1,826	197		58	183	178	320	519	371
Total footage drilled.....	Thou. ft....	9,815	818		424	830	1,063	2,077	2,662	1,941
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	23.7		49.7	129.8	153.7	304.7	439.9	357.6
Number of wells.....	Number.....	1,940	107		72	104	186	366	626	479
Total footage drilled.....	Thou. ft....	13,960	623		413	906	1,327	2,763	4,624	3,304
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	8.0	8.9	29.0	63.9	129.2	137.1	213.3	286.3
Number of wells.....	Number.....	2,812	38	140	88	148	350	290	954	804
Total footage drilled.....	Thous. ft....	14,117	209	519	481	984	1,970	1,497	4,615	3,842
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	118.9	63.9	110.7	311.6	380.9	378.0	799.3	467.0
Number of wells.....	Number.....	10,351	186	408	456	1,421	1,219	1,116	3,873	1,672
Total footage drilled.....	Thou. ft....	43,872	936	1,918	1,833	5,056	5,754	4,910	15,559	7,906
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	21.8	51.7	138.5	349.6	617.0	498.2	982.3	719.5
Number of wells.....	Number.....	6,152	93	177	308	469	1,271	643	1,748	1,443
Total footage drilled.....	Thou. ft....	38,636	352	969	1,513	3,354	7,275	4,137	12,010	9,026
Expenditures for platforms.....	Mil. dol....	766.6	21.5		90.0		144.5	175.6	159.7	175.3
Drilling platforms <sup>2</sup> .....	..do.....	482.3			90.0		93.0	135.0	103.2	97.4
Production platforms <sup>3</sup> .....	..do.....	284.3					51.5	40.6	56.5	77.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 12. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	86.7	330.9	525.8	619.2	726.4	105.5	24.4	36.5
From stripper well leases.....	..do.....	302.3	45.6	48.9	50.5	75.6	66.3	8.8	2.5	4.3
Lease condensate.....	..do.....	108.8	.7	12.0	19.2	19.8	40.4	10.6	5.1	1.1
Natural gas.....	Bil. cu. ft.	14,786.5	227.8	1,793.2	2,435.6	2,952.3	5,567.0	1,217.0	475.1	118.5
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>48,430.8</b>	<b>1,445.2</b>	<b>6,916.8</b>	<b>8,873.1</b>	<b>10,885.9</b>	<b>15,419.5</b>	<b>3,035.7</b>	<b>1,141.5</b>	<b>713.0</b>
Crude petroleum and condensate...	..do.....	28,938.0	1,162.4	4,341.8	6,058.9	7,123.3	8,215.9	1,271.1	319.4	445.1
Crude petroleum.....	..do.....	27,601.2	1,148.4	4,189.3	5,827.8	6,886.5	7,716.8	1,148.7	253.9	429.7
Lease condensate.....	..do.....	1,336.8	14.0	152.5	231.1	236.8	499.1	122.4	65.5	15.4
Natural gas.....	..do.....	18,070.2	248.7	2,384.6	2,700.2	3,383.9	6,788.8	1,541.4	794.7	227.9
Income from oil and gas royalties	..do.....	1,128.1	21.4	124.6	75.5	330.4	306.4	208.0	24.4	37.3
Other lease revenues from producing operations.....	..do.....	294.5	12.7	65.8	38.5	48.3	108.4	15.1	3.1	2.6
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>44,686.4</b>	<b>1,049.3</b>	<b>9,326.9</b>	<b>5,929.3</b>	<b>9,234.0</b>	<b>13,419.0</b>	<b>3,273.7</b>	<b>1,358.4</b>	<b>1,096.0</b>
Exploration expenditures.....	..do.....	15,617.2	-	1,322.9	1,436.3	3,334.1	6,058.1	1,800.3	857.6	808.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	-	379.1	516.5	1,288.7	1,942.7	652.0	386.3	453.9
Dry holes.....	..do.....	2,565.2	-	186.5	264.0	591.5	896.2	296.0	179.3	151.6
Oil wells.....	..do.....	714.0	-	62.0	84.2	194.3	231.7	55.9	42.5	43.4
Gas wells.....	..do.....	1,459.1	-	87.4	128.5	264.5	550.3	170.9	128.8	128.5
Work-in-progress adjustment..	..do.....	881.0	-	43.2	39.8	238.3	264.5	129.2	35.7	130.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	-	628.9	591.6	1,276.0	3,106.7	897.1	311.1	225.2
Land department leasing and scouting.....	..do.....	223.5	-	15.1	33.7	40.9	69.2	60.1		4.6
Geological and geophysical.....	..do.....	1,218.2	-	138.3	146.1	356.9	414.9	103.6	37.4	20.9
Lease rents.....	..do.....	311.6	-	34.4	32.2	77.1	102.2	29.1	17.5	18.9
Test hole contributions.....	..do.....	23.0	-	2.6	2.5	5.4	8.9	3.6		(2)
Other exploration expenditures, including direct overhead.....	..do.....	523.5	-	32.1	49.6	75.0	255.9	78.4		32.5
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	-	92.4	64.1	214.0	157.6	41.0	40.7	52.0
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>17,303.6</b>	<b>525.2</b>	<b>6,192.2</b>	<b>2,167.3</b>	<b>3,099.2</b>	<b>3,928.0</b>	<b>937.9</b>	<b>313.3</b>	<b>140.4</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	358.4	1,546.6	1,222.7	1,737.5	2,135.1	703.4	188.4	80.3
Dry holes.....	..do.....	875.8	44.5	209.4	129.5	168.0	191.7	89.5	28.8	14.4
Oil wells.....	..do.....	2,630.2	155.5	588.4	393.3	622.8	661.0	141.1	46.8	21.3
Gas wells.....	..do.....	3,378.6	155.1	600.5	535.3	582.7	1,054.0	304.9	98.0	48.1
Work-in-progress adjustment..	..do.....	1,087.9	3.3	148.3	164.5	364.1	228.5	167.9	14.7	-3.4
Lease equipment <sup>3</sup> .....	..do.....	2,146.0		636.9		501.4	749.4	154.0	78.0	26.3
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3		4,415.4		1,013.7		28.8	30.1	23.2
Fluid injection and improved recovery programs.....	..do.....	528.3		233.1		283.8		9.9		
Other development expenditures, including direct overhead.....	..do.....	544.3	35.2	151.9	81.9	135.1	111.7	17.7	7.0	5.3
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	9.3	107.2	86.1	211.1	148.4	24.1	9.8	5.2
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>11,765.6</b>	<b>524.0</b>	<b>1,811.8</b>	<b>2,325.7</b>	<b>2,800.6</b>	<b>3,432.9</b>	<b>535.6</b>	<b>187.4</b>	<b>147.6</b>
Direct operating expenditures..	..do.....	7,295.3	356.8	1,201.5	1,336.1	1,828.0	2,016.6	339.1	103.6	113.6
Operating and maintenance....	..do.....	5,754.7	265.9	949.3	1,084.0	1,480.7	1,523.9	267.3	91.9	91.8
Well workovers.....	..do.....	1,001.1	60.7	160.6	203.8	178.6	303.1	68.3	10.6	15.3
Other direct expenses.....	..do.....	539.7	30.2	91.6	48.4	168.7	189.7	3.5	1.1	6.5
Indirect operating expenditures	..do.....	4,470.3	167.2	610.3	989.5	972.6	1,416.3	196.5	83.8	34.0
Taxes (excluding income taxes).....	..do.....	2,750.4	38.0	275.2	672.7	651.3	912.0	122.9	61.5	16.7
General and administrative overhead.....	..do.....	1,181.3	99.3	170.0	262.6	277.0	273.1	66.9	15.5	16.8
Other indirect expenses.....	..do.....	538.6	29.9	165.0	54.2	44.4	231.2	6.6	6.7	.5

See footnotes at end of table.

**Table 12. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	-	186.5	264.0	591.5	896.2	296.0	179.3	151.6
Number of wells.....	Number.....	5,073	-	532	595	988	1,283	807	408	461
Total footage drilled.....	Thou. ft....	30,830	-	3,446	3,538	5,569	8,735	3,640	2,983	2,919
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	-	62.0	84.2	194.3	231.7	55.9	42.5	43.4
Number of wells.....	Number.....	1,826	-	119	316	430	372	209	120	260
Total footage drilled.....	Thou. ft....	9,815	-	783	1,493	2,310	2,470	998	852	909
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	-	87.4	128.5	264.5	550.3	170.9	128.8	128.5
Number of wells.....	Number.....	1,940	-	134	157	280	481	320	217	352
Total footage drilled.....	Thou. ft....	13,960	-	707	1,212	2,330	4,082	1,853	1,829	1,947
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	44.5	209.4	129.5	168.0	191.7	89.5	28.8	14.4
Number of wells.....	Number.....	2,812	315	648	485	584	463	215	71	32
Total footage drilled.....	Thou. ft....	14,117	1,056	3,337	2,759	2,400	2,813	1,072	492	188
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	155.5	588.4	393.3	622.8	661.0	141.1	46.8	21.3
Number of wells.....	Number.....	10,351	1,044	2,815	1,591	2,052	2,113	564	103	69
Total footage drilled.....	Thou. ft....	43,872	3,448	12,366	6,547	8,762	9,624	2,068	709	348
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	155.1	600.5	535.3	582.7	1,054.0	304.9	98.0	48.1
Number of wells.....	Number.....	6,152	839	1,695	924	757	1,154	600	147	36
Total footage drilled.....	Thou. ft....	38,636	3,668	8,720	6,360	5,798	9,015	3,686	1,059	330
Expenditures for platforms.....	Mil. dol....	766.6	(D)	108.1	61.4	189.9	232.9	92.9	(D)	35.8
Drilling platforms <sup>2</sup> .....	..do.....	482.3	(D)	63.8	38.8	152.3	145.5	40.9	(D)	35.8
Production platforms <sup>3</sup> .....	..do.....	284.3	(D)	44.2	22.6	37.6	87.4	51.9	(D)	
Gross book value of fixed assets (beginning of year) <sup>4</sup> :										
Oil and gas field properties.....	..do.....	106,587.3	2,058.3	14,086.3	18,278.6	26,839.0	32,265.1	8,244.2	2,867.2	1,948.6
Buildings, other structures, and machinery.....	..do.....	104,445.8	1,909.8	13,742.0	17,918.3	26,387.2	31,753.0	8,094.0	2,867.2	1,948.6
	..do.....	2,141.5	148.5	344.3	360.3	451.8	512.1	150.2		
Capitalized expenditures.....	..do.....	27,332.6	283.7	6,379.6	3,072.4	5,089.9	8,373.8	2,438.4	970.9	724.0
Oil and gas field properties.....	..do.....	26,642.9	265.2	6,268.2	2,952.4	4,838.9	8,267.0	2,408.1	970.9	724.0
Buildings, other structures, and machinery.....	..do.....	689.7	18.5	111.4	119.9	251.0	106.8	30.3		
Retirement and dispositions.....	..do.....	6,106.2	73.4	821.4	823.7	1,770.9	1,440.7	401.6	719.9	54.5
Oil and gas field properties.....	..do.....	5,877.2	68.6	792.0	708.7	1,731.0	1,414.4	396.3	719.9	54.5
Buildings, other structures, and machinery.....	..do.....	228.9	4.8	29.4	115.0	39.8	26.3	5.2		
Gross book value of fixed assets (end of year):										
Oil and gas field properties.....	..do.....	127,813.7	2,268.6	19,644.5	20,527.2	30,158.0	39,198.2	10,281.0	3,118.2	2,618.1
Buildings, other structures, and machinery.....	..do.....	125,211.5	2,106.4	19,218.2	20,162.0	29,495.0	38,605.5	10,105.8	3,118.2	2,618.1
	..do.....	2,602.2	162.2	426.3	365.3	662.9	592.7	175.2		
Depletion, depreciation, and amortization of fixed assets, cost during the year:										
Oil and gas field properties.....	..do.....	8,873.5	147.1	750.7	1,558.7	2,269.8	2,934.7	683.6	340.7	188.2
Buildings, other structures, and machinery.....	..do.....	8,680.3	138.6	722.0	1,518.0	2,232.1	2,888.8	670.0	340.7	188.2
	..do.....	193.2	8.5	28.7	40.7	37.7	45.9	13.7		
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year:										
Oil and gas field properties.....	..do.....	48,552.6	601.2	3,706.3	8,490.6	13,731.2	16,953.5	3,371.2	1,010.5	688.1
Buildings, other structures, and machinery.....	..do.....	47,628.2	561.2	3,591.2	8,329.7	13,539.3	16,682.4	3,302.4	1,010.5	688.1
	..do.....	924.4	40.0	115.0	160.9	191.9	271.1	68.8		

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 13. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	22.3	414.9	980.3	560.5	201.8	30.3	79.4	166.0
From stripper well leases.....	..do.....	302.3	16.1	35.8	81.3	84.0	44.2	9.3	10.1	21.6
Lease condensate.....	..do.....	108.8	0.3	8.0	42.1	32.4	15.0	2.8	2.7	5.5
Natural gas.....	Bil. cu. ft.	14,786.5	56.8	866.8	6,087.8	4,476.8	1,616.7	430.2	390.5	861.1
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>48,430.8</b>	<b>455.0</b>	<b>5,897.3</b>	<b>18,486.2</b>	<b>12,604.7</b>	<b>4,842.4</b>	<b>1,143.8</b>	<b>1,862.0</b>	<b>3,139.4</b>
Crude petroleum and condensate...	..do.....	28,938.0	338.9	4,710.1	10,947.8	6,681.5	2,531.2	450.7	1,299.8	1,978.1
Crude petroleum.....	..do.....	27,601.2	338.9	4,616.4	10,434.3	6,286.8	2,350.5	450.7	1,266.9	1,900.8
Lease condensate.....	..do.....	1,336.8		93.7	513.5	394.7	180.7		32.9	77.4
Natural gas.....	..do.....	18,070.2	69.8	1,050.0	7,183.8	5,329.7	2,158.3	670.9	514.3	1,093.6
Income from oil and gas royalties	..do.....	1,128.1	44.7	67.2	298.5	519.8	111.4	11.7	44.6	30.1
Other lease revenues from producing operations.....	..do.....	294.5	1.7	70.0	56.1	73.8	41.5	10.5	3.3	37.6
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>44,686.4</b>	<b>297.7</b>	<b>3,694.4</b>	<b>14,462.2</b>	<b>11,869.1</b>	<b>4,864.7</b>	<b>1,399.4</b>	<b>1,243.8</b>	<b>6,855.1</b>
Exploration expenditures.....	..do.....	15,617.2	117.4	1,668.1	6,283.6	4,673.8	1,423.1	356.9	1,094.4	307.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	93.6	613.0	2,268.7	1,582.3	581.7	172.0	307.9	131.7
Dry holes.....	..do.....	2,565.2	19.9	286.5	1,072.0	671.6	301.1	82.5	131.7	63.1
Oil wells.....	..do.....	714.0	109.2		260.1	198.1	52.8	30.6	63.1	73.5
Gas wells.....	..do.....	1,459.1	168.9		526.3	459.3	174.4	56.7	73.5	39.7
Work-in-progress adjustment.....	..do.....	881.0	13.3	108.8	410.4	253.3	53.4	2.2	39.7	
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	9.4	819.0	2,706.6	2,305.6	544.2	125.0	526.8	
Land department leasing and scouting.....	..do.....	223.5	0.9	13.3	113.6	43.6	30.4	8.3	138.8	
Geological and geophysical.....	..do.....	1,218.2	0.7	48.1	576.7	333.2	114.0	20.1	25.3	
Lease rents.....	..do.....	311.6	1.5	31.6	114.8	88.0	39.6	10.8	2.5	
Test hole contributions.....	..do.....	23.0	-	0.1	15.0	1.7	3.1	0.7	2.5	
Other exploration expenditures, including direct overhead.....	..do.....	523.5	11.3	71.3	189.3	185.3	46.7	20.0	23.5	
General and administrative overhead, not reported elsewhere.....	..do.....	661.7		71.8	298.9	134.1	63.4		69.7	
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>17,303.6</b>	<b>-</b>	<b>513.3</b>	<b>3,792.6</b>	<b>4,095.9</b>	<b>2,137.3</b>	<b>754.0</b>	<b>6,010.5</b>	<b>975.6</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	-	320.2	2,275.7	2,251.1	1,183.8	547.4	418.7	975.6
Dry holes.....	..do.....	875.8	-	21.7	226.6	217.9	110.4	84.5	30.2	184.5
Oil wells.....	..do.....	2,630.2	-	148.6	797.1	680.7	336.7	159.2	162.8	345.1
Gas wells.....	..do.....	3,378.6	-	82.1	897.8	977.1	612.2	250.2	190.3	368.8
Work-in-progress adjustment.....	..do.....	1,087.9	-	67.9	354.1	375.4	124.4	53.5	35.4	77.2
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	-	120.5	906.6	561.1	213.3	82.0		
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	-	33.9	231.6	961.5	509.1	72.1	4,616.1	
Fluid injection and improved recovery programs.....	..do.....	528.3	-	14.7			80.4	19.4		
Other development expenditures, including direct overhead.....	..do.....	544.3	-	17.5	136.5	152.9	60.7	14.2		
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	-	6.6	242.3	169.4	90.0	19.0		
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>11,765.6</b>	<b>180.3</b>	<b>1,512.9</b>	<b>4,386.1</b>	<b>3,099.3</b>	<b>1,304.3</b>	<b>288.5</b>	<b>243.9</b>	<b>750.2</b>
Direct operating expenditures..	..do.....	7,295.3	125.4	812.5	2,492.9	2,037.9	932.2	171.0	170.1	553.3
Operating and maintenance....	..do.....	5,754.7	88.2	632.9	1,871.6	1,722.0	800.5	133.9	120.0	385.6
Well workovers.....	..do.....	1,001.1	24.7	115.9	399.8	200.5	102.9	23.6	50.1	167.7
Other direct expenses.....	..do.....	539.7	12.5	63.8	221.4	115.5	28.9	13.4		
Indirect operating expenditures	..do.....	4,470.3	55.0	700.4	1,893.2	1,061.4	372.2	117.6	73.8	196.9
Taxes (excluding income taxes).....	..do.....	2,750.4	12.9	484.3	1,172.0	647.7	216.0	62.8	73.8	196.9
General and administrative overhead.....	..do.....	1,181.3	27.2	141.8	493.4	283.3	113.6	43.9		
Other indirect expenses.....	..do.....	538.6	14.9	74.3	227.8	130.4	42.6	10.8		

See footnotes at end of table.

**Table 13. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	19.9	286.5	1,072.0	671.6	301.1	82.5		131.7
Number of wells.....	Number.....	5,073	120	1,067	1,371	1,273	687	328		228
Total footage drilled.....	Thou. ft....	30,830	470	6,112	9,229	7,317	3,690	2,412		1,600
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0		109.2	260.1	198.1	52.8	30.6		63.1
Number of wells.....	Number.....	1,826		556	492	448	147	66		117
Total footage drilled.....	Thou. ft....	9,815		2,331	3,039	2,442	840	376		787
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1		168.9	526.3	459.3	174.4	56.7		73.5
Number of wells.....	Number.....	1,940		654	590	348	171	68		109
Total footage drilled.....	Thou. ft....	13,960		3,793	4,405	3,097	1,420	567		678
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	-	21.7	226.6	217.9	110.4	84.5	30.2	184.5
Number of wells.....	Number.....	2,812	-	153	453	864	273	314	217	537
Total footage drilled.....	Thou. ft....	14,117	-	580	2,879	3,631	1,637	1,962	1,010	2,418
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	-	148.6	797.1	680.7	336.7	159.2	162.8	345.1
Number of wells.....	Number.....	10,351	-	442	2,180	2,463	1,862	661	1,324	1,419
Total footage drilled.....	Thou. ft....	43,872	-	1,901	10,437	10,190	5,994	4,203	4,712	6,435
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	-	82.1	897.8	977.1	612.2	250.2	190.3	368.8
Number of wells.....	Number.....	6,152	-	164	957	1,551	818	741	856	1,064
Total footage drilled.....	Thou. ft....	38,636	-	973	8,134	9,473	5,294	4,303	4,146	6,313
Expenditures for platforms.....	Mil. dol....	766.6	(Z)	25.2	310.1	245.2	103.9	17.8		64.4
Drilling platforms <sup>2</sup> .....	..do.....	482.3	(Z)	9.6	241.0	137.5	49.0	17.8		64.4
Production platforms <sup>3</sup> .....	..do.....	284.3	-	15.5	69.1	107.6	54.9			
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	106,587.3	760.6	8,823.4	39,432.4	31,817.4	12,715.9	2,975.5	2,900.7	7,161.4
Oil and gas field properties.....	..do.....	104,445.8	677.4	8,494.9	38,696.8	31,432.1	12,417.2	2,899.4	2,846.3	6,981.7
Buildings, other structures, and machinery.....	..do.....	2,141.5	83.2	328.5	735.6	385.3	298.7	76.1	54.4	179.7
Capitalized expenditures.....	..do.....	27,332.6	60.3	1,834.6	8,143.7	7,441.8	3,022.0	962.3	(D)	(D)
Oil and gas field properties.....	..do.....	26,642.9	56.7	1,728.0	7,815.4	7,368.5	2,973.1	911.1	(D)	(D)
Buildings, other structures, and machinery.....	..do.....	689.7	3.6	106.6	328.3	73.2	48.9	51.2	19.1	58.7
Retirement and dispositions.....	..do.....	6,106.2	49.0	537.4	2,451.3	1,386.5	1,056.9	207.6	(D)	(D)
Oil and gas field properties.....	..do.....	5,877.2	47.7	512.6	2,329.4	1,347.7	1,028.6	204.6	(D)	(D)
Buildings, other structures, and machinery.....	..do.....	228.9	1.3	24.8	121.9	38.7	28.3	3.0	3.1	7.9
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	771.9	10,120.6	45,124.8	37,872.7	14,681.0	3,730.1	3,528.4	11,984.2
Oil and gas field properties.....	..do.....	125,211.5	686.4	9,710.2	44,182.8	37,452.9	14,361.7	3,605.9	3,457.9	11,753.7
Buildings, other structures, and machinery.....	..do.....	2,602.2	85.5	410.3	942.0	419.8	319.3	124.3	70.5	230.5
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	8,873.5	54.9	840.2	3,537.7	2,528.4	1,229.1	265.3	154.3	263.6
Oil and gas field properties.....	..do.....	8,680.3	53.0	808.7	3,471.3	2,497.8	1,196.0	253.2	149.0	251.3
Buildings, other structures, and machinery.....	..do.....	193.2	2.0	31.5	66.4	30.6	33.0	12.0	5.3	12.3
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	48,552.6	182.8	3,873.5	20,393.4	15,730.3	5,633.0	1,013.1	663.1	1,063.6
Oil and gas field properties.....	..do.....	47,628.2	175.4	3,720.8	20,071.0	15,555.6	5,479.7	968.3	641.1	1,016.3
Buildings, other structures, and machinery.....	..do.....	924.4	7.3	152.8	322.4	174.7	153.3	44.8	22.0	47.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 14. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Salea volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	205.1	365.6	471.3	720.3	139.6	25.6	450.0	78.0
From stripper well leases.....	..do.....	302.3	24.2	52.1	45.3	70.0	19.1	9.3	49.3	33.0
Lease condensate.....	..do.....	108.8	13.4	32.9	21.6	24.4	4.8			
Natural gas.....	Bil. cu. ft.	14,786.5	1,917.9	3,981.7	2,935.3	3,078.5	773.6	169.2	1,831.8	98.5
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>48,430.8</b>	<b>5,388.3</b>	<b>10,201.2</b>	<b>9,178.2</b>	<b>12,268.7</b>	<b>2,546.4</b>	<b>585.1</b>	<b>7,082.3</b>	<b>1,180.6</b>
Crude petroleum and condensate...	..do.....	28,938.0	2,503.2	4,483.5	5,280.0	8,546.3	1,586.3	368.4	5,139.2	1,031.2
Crude petroleum.....	..do.....	27,601.2	2,318.7	4,082.2	5,022.0	8,252.7	1,529.4	368.4	5,139.2	1,031.2
Lease condensate.....	..do.....	1,336.8	184.5	401.3	258.1	293.6	56.9			
Natural gas.....	..do.....	18,070.2	2,772.4	5,181.2	3,713.9	3,411.8	845.6	185.7	1,841.3	118.4
Income from oil and gas royalties	..do.....	1,128.1	68.8	467.1	167.6	253.1			74.5	22.6
Other lease revenues from producing operations.....	..do.....	294.5	43.9	69.4	16.7	57.5	114.6	31.0	27.2	8.5
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>44,686.4</b>	<b>10,331.3</b>	<b>10,786.4</b>	<b>6,839.3</b>	<b>9,794.2</b>	<b>2,056.5</b>	<b>469.2</b>	<b>3,812.5</b>	<b>596.9</b>
Exploration expenditures.....	..do.....	15,617.2	2,984.0	4,412.8	3,129.6	3,458.5	700.0	126.4	769.8	36.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	1,200.4	1,429.8	1,036.6	1,424.7	202.6	72.6	221.9	30.6
Dry holes.....	..do.....	2,565.2	543.5	603.2	565.3	561.8	134.6	29.5	117.0	10.3
Oil wells.....	..do.....	714.0	126.8	184.6	109.5	198.6	25.5	18.1	36.8	13.9
Gas wells.....	..do.....	1,459.1	409.4	382.0	246.6	309.8	28.5	25.6	51.3	5.8
Work-in-progress adjustment.....	..do.....	881.0	120.6	260.0	115.1	354.5	14.0	-6	16.8	.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	1,235.3	2,289.8	1,558.0	1,199.1	356.0	24.0	372.0	2.3
Land department leasing and scouting.....	..do.....	223.5	73.2	45.1	43.5	32.2	10.6			
Geological and geophysical.....	..do.....	1,218.2	220.5	254.7	224.0	393.5	41.9	11.5	90.0	.6
Lease rents.....	..do.....	311.6	61.5	73.6	70.6	71.3	14.4	5.5	13.8	.9
Test hole contributions.....	..do.....	23.0	5.0	2.6	5.8	8.8	.2	.3	.4	-
Other exploration expenditures, including direct overhead.....	..do.....	523.5	51.6	179.2	103.2			5.8	26.7	.2
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	136.5	138.0	88.0	328.9	74.4	6.7	45.2	.9
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>17,303.6</b>	<b>6,328.6</b>	<b>4,210.1</b>	<b>1,802.6</b>	<b>3,159.3</b>	<b>577.0</b>	<b>133.6</b>	<b>1,024.5</b>	<b>68.1</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	1,743.9	2,237.6	1,245.5	1,588.3	408.5	92.5	625.0	31.2
Dry holes.....	..do.....	875.8	297.3	231.3	133.2	129.4	21.4	11.1	48.4	3.8
Oil wells.....	..do.....	2,630.2	452.6	574.7	449.6	625.9	197.7	42.9	265.4	21.4
Gas wells.....	..do.....	3,378.6	845.1	1,080.2	546.6	516.0	155.3	36.5	195.4	3.6
Work-in-progress adjustment.....	..do.....	1,087.9	148.9	351.4	116.1	316.9	34.2	2.0	115.9	2.6
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	890.0		273.5	683.7	88.7	18.0	170.3	21.8
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	4,993.3		34.3			17.3	27.9	3.6
Fluid injection and improved recovery programs.....	..do.....	528.3	180.3		104.4	564.5	41.4	.3		.6
Other development expenditures, including direct overhead.....	..do.....	544.3	248.3		74.7	130.2		1.5	201.2	10.1
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	245.3		70.2	192.6	38.4	4.1		.9
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>11,765.6</b>	<b>1,018.8</b>	<b>2,163.5</b>	<b>1,907.2</b>	<b>3,176.5</b>	<b>779.5</b>	<b>209.2</b>	<b>2,018.3</b>	<b>492.7</b>
Direct operating expenditures.....	..do.....	7,295.3	696.8	1,452.7	1,104.1	2,049.5	502.2	137.1	1,014.0	338.9
Operating and maintenance.....	..do.....	5,754.7	506.5	1,159.7	839.2	1,648.0	411.4	105.6	810.1	274.3
Well workovers.....	..do.....	1,001.1	109.2	196.5	166.5	243.6	55.1	21.8	162.1	46.3
Other direct expenses.....	..do.....	539.7	81.2	96.5	98.5	157.9	35.8	9.7	41.8	18.3
Indirect operating expenditures	..do.....	4,470.3	322.0	710.8	803.0	1,127.0	277.2	72.1	1,004.2	153.8
Taxes (excluding income taxes).....	..do.....	2,750.4	202.5	486.2	529.1	715.1	153.8	27.9	599.7	35.9
General and administrative overhead.....	..do.....	1,181.3	85.9	199.0	273.9	301.8	67.9	27.0	404.5	90.2
Other indirect expenses.....	..do.....	538.6	33.6	25.6		110.0	55.6	17.2		27.7

See footnotes at end of table.

**Table 14. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	543.5	603.2	565.3	561.8	134.6	29.5	117.0	10.3
Number of wells.....	Number.....	5,073	795	1,611	726	881	377	176	383	123
Total footage drilled.....	Thou. ft....	30,830	5,469	9,304	5,510	5,501	2,291	833	1,527	395
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	126.8	184.6	109.5	198.6	25.5	18.1	36.8	13.9
Number of wells.....	Number.....	1,826	282	484	290	362	133	95	105	76
Total footage drilled.....	Thou. ft....	9,815	1,693	2,417	1,797	2,145	551	414	514	284
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	409.4	382.0	246.6	309.8	28.5	25.6	51.3	5.8
Number of wells.....	Number.....	1,940	457	511	464	222	66	116	66	40
Total footage drilled.....	Thou. ft....	13,960	3,435	4,035	2,735	2,263	291	664	431	106
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	297.3	231.3	133.2	129.4	21.4	11.1	48.4	3.8
Number of wells.....	Number.....	2,812	714	815	312	503	158	63	161	84
Total footage drilled.....	Thou. ft....	14,117	3,853	4,350	2,026	1,825	594	389	701	379
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	452.6	574.7	449.6	625.9	197.7	42.9	265.4	21.4
Number of wells.....	Number.....	10,351	1,415	2,221	1,713	2,538	645	256	1,373	191
Total footage drilled.....	Thou. ft....	43,872	7,112	10,030	7,411	10,086	3,310	1,021	4,129	773
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	845.1	1,080.2	546.6	516.0	155.3	36.5	195.4	3.6
Number of wells.....	Number.....	6,152	1,763	2,107	587	826	298	156	393	23
Total footage drilled.....	Thou. ft....	38,636	11,542	12,223	4,678	5,711	1,652	835	1,894	101
Expenditures for platforms.....	Mil. dol....	766.6	193.0	228.6	121.2	152.2	19.5	15.0	37.1	
Drilling platforms <sup>2</sup> .....	..do.....	482.3	101.3	112.9	93.1	147.0			24.6	
Production platforms <sup>3</sup> .....	..do.....	284.3	91.7	115.8	28.0	5.2	19.5	15.0	12.5	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	106,587.3	14,389.3	25,181.0	18,534.4	28,313.4	5,045.9	1,111.4	12,442.3	1,569.5
Oil and gas field properties.....	..do.....	104,445.8	14,132.7	24,674.1	18,250.8	27,779.4	4,898.5	1,037.2	12,227.3	1,445.7
Buildings, other structures, and machinery.....	..do.....	2,141.5	256.6	506.9	283.6	534.0	147.4	74.2	215.0	123.7
Capitalized expenditures.....	..do.....	27,332.6	7,978.2	7,282.9	4,187.9	5,159.4	1,004.8	149.4	1,496.5	73.6
Oil and gas field properties.....	..do.....	26,642.9	7,905.9	7,139.5	4,118.1	4,894.1	978.6	131.7	1,496.5	73.6
Buildings, other structures, and machinery.....	..do.....	689.7	72.3	143.4	69.7	265.3	26.2	17.6		
Retirement and dispositions.....	..do.....	6,106.2	1,193.3	1,576.8	793.9	1,347.6	335.5	145.4	531.5	182.2
Oil and gas field properties.....	..do.....	5,877.2	1,182.5	1,539.8	780.3	1,317.5	307.9	144.1		
Buildings, other structures, and machinery.....	..do.....	228.9	10.8	37.0	13.5	30.2	27.6	1.2	531.5	182.2
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	21,174.2	30,887.1	21,928.5	32,125.1	5,715.2	1,115.4	13,407.3	1,460.9
Oil and gas field properties.....	..do.....	125,211.5	20,856.0	30,273.7	21,588.7	31,356.0	5,569.2	1,024.8	13,203.3	1,340.0
Buildings, other structures, and machinery.....	..do.....	2,602.2	318.2	613.3	339.8	769.2	146.1	90.6	204.0	121.0
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	8,873.5	1,049.1	2,233.4	1,483.7	2,339.9	513.6	102.2	1,034.9	116.7
Oil and gas field properties.....	..do.....	8,680.3	1,031.5	2,181.7	1,456.1	2,288.4	505.8	93.3	1,012.2	111.3
Buildings, other structures, and machinery.....	..do.....	193.2	17.6	51.7	27.6	51.5	7.8	8.9	22.7	5.4
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	48,552.6	3,288.0	11,572.9	9,639.7	14,610.5	2,711.6	438.4	5,849.6	441.9
Oil and gas field properties.....	..do.....	47,628.2	3,221.0	11,315.6	9,482.0	14,368.7	2,661.3	395.6	5,769.6	414.6
Buildings, other structures, and machinery.....	..do.....	924.4	67.1	257.3	157.6	241.8	50.3	42.8	80.1	27.3

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 15. Detailed Statistics Grouped by Oil Lease Specialization Ratios: 1979

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	2,455.5	37.2	290.1	54.0	432.8	323.8	440.4	398.5	205.3	273.4
From stripper well leases.....	..do.....	302.3	5.9	7.8	5.7	29.9	48.5	45.4	56.7	17.5	85.0
Lease condensate.....	..do.....	108.8	2.5	16.7	9.7	21.3	20.3	16.9	15.3	6.1	
Natural gas.....	Bil. cu. ft.	14,786.5	464.2	1,958.8	981.1	3,125.2	2,766.0	2,720.5	1,827.5	566.4	376.7
Lease revenues.....	Mil. dol....	48,430.8	1,206.8	6,466.9	2,053.6	8,566.5	7,237.2	8,560.9	6,742.8	3,156.6	4,439.4
Crude petroleum and condensate...	..do.....	28,938.0	511.7	3,261.9	670.3	4,785.8	3,770.0	5,106.5	4,633.8	2,364.7	3,833.3
Crude petroleum.....	..do.....	27,601.2	481.2	3,049.6	546.4	4,526.9	3,528.0	4,880.2	4,457.8	2,364.7	3,833.3
Lease condensate.....	..do.....	1,336.8	30.5	212.3	124.0	258.8	242.0	226.3	176.0		
Natural gas.....	..do.....	18,070.2	576.8	3,105.0	1,331.1	3,680.4	3,157.8	3,119.4	1,931.1	717.4	451.2
Income from oil and gas royalties	..do.....	1,128.1			39.0	95.6	259.4	252.2	137.7	50.6	137.4
Other lease revenues from producing operations.....	..do.....	294.5	118.3	99.9	13.2	4.7	50.0	82.8	40.3	23.9	17.6
Expenditures (capitalized and expensed).....	..do.....	44,686.4	1,499.9	5,082.8	2,457.6	6,207.8	7,080.8	10,961.9	6,127.4	2,441.2	2,827.1
Exploration expenditures.....	..do.....	15,617.2	361.2	2,172.5	1,008.5	2,637.9	2,761.4	2,951.7	2,105.6	918.6	699.9
Drilling and equipping wells <sup>2 3</sup>	..do.....	5,619.2	180.8	951.2	339.2	846.0	760.0	1,002.4	867.2		672.5
Dry holes.....	..do.....	2,565.2	75.5	443.3	176.3	475.8	306.1	437.5	345.9		304.9
Oil wells.....	..do.....	714.0	21.3	80.5	26.3	64.1	86.1	158.3	149.2		128.1
Gas wells.....	..do.....	1,459.1	51.7	333.4	102.3	216.3	199.5	241.3	191.5		123.1
Work-in-progress adjustment..	..do.....	881.0	32.3	94.0	34.3	89.9	168.3	165.3	180.7		116.3
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	110.1	885.8	466.4	1,317.8	1,598.2	1,307.1	857.8		493.3
Land department leasing and scouting.....	..do.....	223.5		40.6	159.2	99.5	226.6	30.9	29.4	25.3	21.9
Geological and geophysical.....	..do.....	1,218.2						160.2	265.4	219.0	163.9
Lease rents.....	..do.....	311.6	13.4	53.7	22.5	52.5	41.6	64.3	50.4		33.2
Test hole contributions.....	..do.....	23.0					2.4				.8
Other exploration expenditures, including direct overhead.....	..do.....	523.5	1.9	33.7	38.2	106.9	108.8	128.9	63.1		42.0
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	14.3	88.9	42.8	88.1	59.3	154.2	22.9		191.1
Development expenditures.....	..do.....	17,303.6	872.2	1,727.6	1,002.1	1,578.8	2,487.5	5,863.1	2,076.5	720.7	975.0
Drilling and equipping wells <sup>2 3</sup>	..do.....	7,972.5	531.2	1,255.1	605.8	1,007.3	1,304.0	1,286.0	1,026.3	428.1	528.6
Dry holes.....	..do.....	875.8	119.3	191.1	73.2	99.8	94.7	123.4	94.2	17.2	63.0
Oil wells.....	..do.....	2,630.2	147.3	211.4	126.1	338.6	391.8	517.8	392.7	176.3	328.4
Gas wells.....	..do.....	3,378.6	221.6	697.0	330.0	483.5	588.1	491.4	379.2	96.2	91.4
Work-in-progress adjustment..	..do.....	1,087.9	43.0	155.7	76.5	85.5	229.4	153.4	160.2	138.3	45.9
Lease equipment <sup>4</sup> .....	..do.....	2,146.0	122.9	258.7	145.0	270.0	292.8	729.5			
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	108.8	85.9	187.7			4,345.0		158.4	273.8
Fluid injection and improved recovery programs.....	..do.....	528.3			5.5	131.6	725.8		199.2		
Other development expenditures, including direct overhead.....	..do.....	544.3	87.3	48.3			74.2		194.5	134.3	172.5
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	22.1	79.6	58.1	169.9	90.8		159.2		
Production expenditures.....	..do.....	11,765.6	266.5	1,182.7	447.0	1,991.2	1,831.9	2,147.0	1,945.3	801.9	1,152.1
Direct operating expenditures..	..do.....	7,295.3	150.5	538.3	305.8	1,097.9	1,190.9	1,355.9	1,461.1	401.9	792.9
Operating and maintenance.....	..do.....	5,754.7	100.0	436.3		1,045.3	998.5	1,019.5	1,212.5	305.3	637.2
Well workovers.....	..do.....	1,001.1	41.3	62.2		259.7	110.8	239.8			
Other direct expenses.....	..do.....	539.7	9.2	39.9		98.7	81.6	96.6	248.6	96.6	57.5
Indirect operating expenditures	..do.....	4,470.3	116.0	644.4		1,034.3	641.0	791.2	484.2	400.0	359.2
Taxes (excluding income taxes).....	..do.....	2,750.4	57.4	491.1		640.6	353.6	481.3		586.6	139.7
General and administrative overhead.....	..do.....	1,181.3	43.9	112.0		260.5	287.4		245.6		159.6
Other indirect expenses.....	..do.....	538.6	14.7	41.3		133.3		309.8	52.0		59.9

See footnotes at end of table.



Table 15. Detailed Statistics Grouped by Oil Lease Specialization Ratios: 1979—Continued

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
<b>Drilling statistics:</b>											
Exploration dry holes:											
Expenditures.....	Mil. dol....	2,565.2	75.5	443.3	176.3	475.8	306.1	437.5	345.9		304.9
Number of wells.....	Number.....	5,073	454	747	252	460	384	1,030	425		1,321
Total footage drilled.....	Thou. ft....	30,830	2,075	5,396	1,959	3,932	2,979	5,584	3,803		5,102
Exploration oil wells:											
Expenditures.....	Mil. dol....	714.0	21.3	80.5	26.3	64.1	86.1	158.3	149.2		128.1
Number of wells.....	Number.....	182.6	137	123	51	90	157	291	202		774
Total footage drilled.....	Thou. ft....	9,815	594	850	375	742	1,056	1,694	1,602		2,902
Exploration gas wells:											
Expenditures.....	Mil. dol....	1,459.1	51.7	333.4	102.3	216.3	199.5	241.3	191.5		123.1
Number of wells.....	Number.....	1,940	113	314	109	184	261	327	153		480
Total footage drilled.....	Thou. ft....	13,960	746	2,654	955	1,683	1,918	2,128	1,591		2,285
Development dry holes:											
Expenditures.....	Mil. dol....	875.8	119.3	191.1	73.2	99.8	94.7	123.4	94.2	17.2	63.0
Number of wells.....	Number.....	2,812	404	471	282	239	192	312	189	74	650
Total footage drilled.....	Thou. ft....	14,117	1,536	3,160	1,323	1,633	1,106	1,664	1,270	381	2,044
Development oil wells:											
Expenditures.....	Mil. dol....	2,630.2	147.3	211.4	126.1	338.6	391.8	517.8	392.7	176.3	328.4
Number of wells.....	Number.....	10,351	812	740	313	851	1,035	1,574	1,450	636	2,941
Total footage drilled.....	Thou. ft....	43,872	3,749	3,165	1,859	4,633	4,586	7,634	6,299	3,298	8,649
Development gas wells:											
Expenditures.....	Mil. dol....	3,378.6	221.6	697.0	330.0	483.5	588.1	491.4	379.2	96.2	91.4
Number of wells.....	Number.....	6,152	830	1,352	704	620	736	917	462	176	355
Total footage drilled.....	Thou. ft....	38,636	5,069	8,430	3,981	4,683	4,695	5,485	3,680	1,209	1,404
Expenditures for platforms.....	Mil. dol....	766.6	(D)	174.8	40.8	86.0	156.5	88.8	153.6	(D)	33.1
Drilling platforms <sup>3</sup> .....	..do.....	482.3	(D)	67.6	19.2	64.6	110.1	60.5	133.2	(D)	11.6
Production platforms <sup>4</sup> .....	..do.....	284.3	(D)	107.2	21.6	21.4	46.4	28.3	20.4	(D)	21.5
Gross book value of fixed assets (beginning of year).....	..do.....	106,587.3	2,288.5	14,060.9	5,150.8	18,113.5	17,507.8	18,126.6	18,600.2	5,929.4	6,809.7
Oil and gas field properties.....	..do.....	104,445.8	2,240.6	13,726.7	5,034.5	17,821.4	17,343.4	17,811.0	18,360.3	5,653.7	6,454.1
Buildings, other structures, and machinery.....	..do.....	2,141.5	47.9	334.2	116.3	292.1	164.4	315.7	239.8	275.6	355.6
Capitalized expenditures.....	..do.....	27,332.6	535.2	3,495.8	1,628.8	3,614.4	4,453.1	7,861.4	3,562.7	1,103.9	1,077.3
Oil and gas field properties.....	..do.....	26,642.9	523.5	3,385.0	1,603.4	3,614.4	4,418.6	7,769.5	3,367.2	1,103.9	1,001.5
Buildings, other structures, and machinery.....	..do.....	689.7	11.7	110.7	25.4	34.5	91.9	195.4			75.9
Retirement and dispositions.....	..do.....	6,106.2	252.5	690.9	322.2	1,612.4	753.7	798.7	1,071.1	274.1	330.5
Oil and gas field properties.....	..do.....	5,877.2	240.4	665.4	318.5	739.1	786.3	1,062.3			315.5
Buildings, other structures, and machinery.....	..do.....	228.9	12.1	25.4	3.7	14.7	12.4	8.8			15.0
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	2,571.2	16,865.8	6,457.3	20,115.6	21,207.2	25,189.3	21,091.7	6,759.1	7,556.5
Oil and gas field properties.....	..do.....	125,211.5	2,523.8	16,446.3	6,319.4	19,841.6	21,023.0	24,794.2	20,665.3	6,458.0	7,140.0
Buildings, other structures, and machinery.....	..do.....	2,602.2	47.5	419.5	138.0	274.0	184.2	395.2	426.4	301.1	416.4
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	8,873.5	226.8	1,246.3	548.2	1,655.0	1,424.8	1,216.5	1,662.8	421.9	471.1
Oil and gas field properties.....	..do.....	8,680.3	222.3	1,216.0	538.2	1,621.0	1,410.0	1,194.1	1,638.9		
Buildings, other structures, and machinery.....	..do.....	193.2	4.5	30.3	10.0	34.0	14.8	22.4	23.9		
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	48,552.6	832.7	5,343.1	2,236.7	8,646.2	8,768.8	7,335.1	10,054.0	2,886.3	2,449.7
Oil and gas field properties.....	..do.....	47,628.2	818.5	5,215.6	2,176.5	8,504.3	8,702.5	7,202.0	9,899.1	2,809.2	2,300.5
Buildings, other structures, and machinery.....	..do.....	924.4	14.3	127.6	60.2	141.9	66.3	133.1	154.9	77.1	149.2

Note: Detailed figures may not add to totals because of independent rounding.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 16. Detailed Statistics Grouped by Gas Lease Specialization Ratios: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	2,455.5	171.7	858.3	868.6	355.1	81.3	37.4	28.9	33.2	21.0
From stripper well leases.....	..do.....	302.3	58.5	78.4	94.1	38.1	15.9	8.2	2.9	4.3	1.9
Lease condensate.....	..do.....	108.8	1.5	18.5	35.7	18.2	7.6	4.5	4.8	7.7	10.1
Natural gas.....	Bil. cu. ft.	14,786.5	232.5	2,627.2	4,978.3	2,542.4	1,074.4	483.9	571.6	932.0	1,344.3
Lease revenues.....											
Crude petroleum and condensate...	Mil. dol....	48,430.8	3,105.3	12,699.1	16,237.2	7,120.4	2,594.5	1,259.0	1,277.1	1,710.2	2,428.0
Crude petroleum.....	..do.....	28,938.0	2,610.6	9,689.7	9,886.9	4,116.5	1,035.5	518.9	367.9	417.2	294.8
Crude petroleum.....	..do.....	27,601.2	2,598.4	9,478.3	9,463.7	3,882.7	944.3	456.9	300.2	314.9	161.7
Lease condensate.....	..do.....	1,336.8	12.2	211.5	423.1	233.7	91.2	62.0	67.7	102.3	133.1
Natural gas.....	..do.....	18,070.2	325.9	2,780.0	5,965.5	2,728.7	1,356.4	708.9	872.3	1,260.7	2,071.8
Income from oil and gas royalties	..do.....	1,128.1	128.7	189.6	305.7	193.2	189.8	25.6	25.2	27.0	43.2
Other lease revenues from pro- ducing operations.....	..do.....	294.5	40.2	39.7	79.1	82.1	12.7	5.5	11.6	5.3	18.2
Expenditures (capitalized and expensed).....											
Exploration expenditures.....	..do.....	44,686.4	2,013.1	8,894.7	17,211.7	6,351.3	2,674.8	1,521.8	1,416.6	1,880.8	2,721.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,617.2	459.1	2,936.9	5,350.0	2,585.0	1,079.4	664.0	650.6	809.4	1,082.7
Dry holes.....	..do.....	5,619.2	252.3	1,091.9	1,438.5	1,014.3	335.5	288.7	303.4	299.9	594.6
Oil wells.....	..do.....	2,565.2	96.7	507.9	719.7	397.4	145.6	109.8	178.8	135.6	273.7
Gas wells.....	..do.....	714.0	79.7	141.9	175.0	156.4	41.7	24.1	24.6	23.3	47.2
Work-in-progress adjustment.....	..do.....	1,459.1	42.1	152.2	383.3	261.3	63.8	99.5	118.0	125.3	213.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	33.8	289.8	160.5	199.2	84.5	55.3	-18.0	15.8	60.1
Land department leasing and scouting.....	..do.....	7,036.5	118.8	1,120.1	3,050.6	1,024.2	573.4	262.1	235.6	324.9	326.8
Geological and geophysical.....	..do.....	223.5	43.8	33.3	53.5	35.3	16.7	9.1	3.3	90.2	15.8
Lease rents.....	..do.....	1,218.2		312.1	429.8	203.7	56.1	26.7	44.2		68.2
Test hole contributions.....	..do.....	311.6	9.9	66.3	76.4	58.2	18.9	12.0	15.9	21.9	31.9
Other exploration expenditures, including direct overhead.....	..do.....	23.0	.1	5.2	6.4	5.4	.6	.6	1.2	.6	3.0
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	3.2	74.3	148.3	137.6	54.7	35.3	24.9	33.7	11.5
Development expenditures.....	..do.....	661.7	31.0	233.8	146.4	106.2	23.5	29.5	22.0	38.2	31.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	17,303.6	847.6	2,593.2	7,811.0	1,895.6	1,114.5	577.7	530.9	755.5	1,177.6
Dry holes.....	..do.....	7,972.5	395.3	1,467.9	2,040.1	1,228.8	606.1	382.3	387.6	545.2	919.2
Oil wells.....	..do.....	875.8	44.9	120.2	158.6	116.4	55.1	26.6	59.6	66.0	228.5
Gas wells.....	..do.....	2,630.2	261.9	638.8	788.5	450.6	153.4	89.3	105.9	85.1	56.8
Work-in-progress adjustment.....	..do.....	3,378.6	64.5	352.6	832.2	570.5	265.9	236.4	201.0	325.5	530.0
Lease equipment <sup>3</sup> .....	..do.....	1,087.9	23.9	356.4	260.8	91.3	131.7	30.0	21.1	68.6	104.0
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	171.2	503.5	543.0	382.7	122.7	84.1	90.5	110.4	138.0
Fluid injection and improved recovery programs.....	..do.....	5,511.3	134.8	366.7	4,825.1	88.6	307.7	54.9	23.1	37.4	58.7
Other development expenditures, including direct overhead.....	..do.....	528.3	36.7		54.3		22.5	15.2	.8	5.8	7.3
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	97.0	80.5	223.9	69.3	18.2	8.8	6.0	17.1	23.6
Production expenditures.....	..do.....	601.2	12.6	174.7	178.8	72.0	37.3	32.5	22.9	39.6	30.8
Direct operating expenditures.....	..do.....	11,765.6	706.4	3,364.6	4,050.7	1,870.7	480.9	280.1	235.0	315.8	461.4
Operating and maintenance.....	..do.....	7,295.3	470.3	1,942.9	2,604.2	1,172.3	312.7	188.8	145.0	203.8	255.3
Well workovers.....	..do.....	5,754.7	378.7	1,460.7	2,104.0	930.4	261.5	145.6	118.6	162.7	192.5
Other direct expenses.....	..do.....	1,001.1	64.1	271.9	303.3	191.8	47.5	24.6	26.4	41.1	51.5
Indirect operating expenditures	..do.....	539.7	27.4	210.3	196.9	50.1	3.7	18.6		11.5	
Taxes (excluding income taxes).....	..do.....	4,470.3	236.1	1,421.7	1,446.5	698.3	168.3	91.2	90.0	112.0	206.0
General and administrative overhead.....	..do.....	2,750.4	80.4	944.3	905.0	414.5	101.7	47.8	54.6	81.8	120.3
Other indirect expenses.....	..do.....	1,181.3	125.1	390.5	266.3	174.2	62.9	36.4	29.9	29.5	66.5
	..do.....	538.6	30.6	86.9	275.2	109.7	3.7	7.1	5.5	.8	19.2

See footnotes at end of table.

Table 16. Detailed Statistics Grouped by Gas Lease Specialization Ratios: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>								
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 and over
Drilling statistics:											
Exploration dry holes:											
Expenditures.....	Mil. dol....	2,565.2	96.7	507.9	719.7	397.4	145.6	109.8	178.8	135.6	273.7
Number of wells.....	Number.....	5,073	977	850	600	635	732	202	259	232	586
Total footage drilled.....	Thou. ft....	30,830	3,990	5,140	5,127	5,054	3,105	1,632	2,083	1,530	3,169
Exploration oil wells:											
Expenditures.....	Mil. dol....	714.0	79.7	141.9	175.0	156.4	41.7	24.1	24.6	23.3	47.2
Number of wells.....	Number.....	1,826	566	421	200	244	169	65	57	41	63
Total footage drilled.....	Thou. ft....	9,815	1,741	2,175	1,744	1,782	720	430	452	284	487
Exploration gas wells:											
Expenditures.....	Mil. dol....	1,459.1	42.1	152.2	383.3	261.3	63.8	99.5	118.0	125.3	213.6
Number of wells.....	Number.....	1,940	164	270	453	272	208	121	121	113	219
Total footage drilled.....	Thou. ft....	13,960	1,164	1,516	3,146	2,397	874	1,017	1,086	929	1,831
Development dry holes:											
Expenditures.....	Mil. dol....	875.8	44.9	120.2	158.6	116.4	55.1	26.6	59.6	66.0	228.5
Number of wells.....	Number.....	2,812	458	413	314	213	233	84	136	272	688
Total footage drilled.....	Thou. ft....	14,117	1,240	2,021	2,034	1,571	943	491	938	1,261	3,618
Development oil wells:											
Expenditures.....	Mil. dol....	2,630.2	261.9	638.8	788.5	450.6	153.4	89.3	105.9	85.1	56.8
Number of wells.....	Number.....	10,351	2,128	3,065	2,458	1,057	742	265	276	194	165
Total footage drilled.....	Thou. ft....	43,872	6,981	11,382	11,525	5,871	2,685	1,344	1,839	1,225	1,020
Development gas wells:											
Expenditures.....	Mil. dol....	3,378.6	64.5	352.6	832.2	570.5	265.9	236.4	201.0	325.5	530.0
Number of wells.....	Number.....	6,152	160	614	870	620	660	568	403	756	1,500
Total footage drilled.....	Thou. ft....	38,636	1,158	3,526	6,951	4,966	2,918	3,076	2,534	3,902	9,605
Expenditures for platforms.....	Mil. dol....	766.6	166.0		221.4	101.2	57.0	62.8	56.9	39.0	62.4
Drilling platforms <sup>2</sup> .....	..do.....	482.3	166.0		167.4	64.7	57.0	30.8	39.9	18.1	12.8
Production platforms <sup>3</sup> .....	..do.....	284.3			54.0	36.5		32.0	17.0	20.8	49.6
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....											
Oil and gas field properties.....	..do.....	106,587.3	4,221.3	25,417.1	34,945.9	16,925.5	7,040.1	3,397.7	3,675.3	4,606.9	6,357.4
Buildings, other structures, and machinery.....	..do.....	104,445.8	3,978.1	24,688.1	34,470.7	16,634.4	6,954.4	3,358.7	3,590.6	4,517.8	6,253.0
Capitalized expenditures.....	..do.....	2,141.5	243.2	729.1	475.2	291.2	85.8	39.0	84.7	89.1	104.4
Oil and gas field properties.....	..do.....	27,332.6	756.9	4,203.2	11,860.5	3,628.1	1,928.0	1,018.2	1,095.4	1,129.6	1,712.8
Buildings, other structures, and machinery.....	..do.....	26,642.9	699.0	3,841.5	11,765.2	3,557.2	1,908.6	1,006.8	1,068.9	1,113.1	1,682.7
Retirement and dispositions.....	..do.....	689.7	57.8	361.7	95.3	71.0	19.4	11.4	26.5	16.5	30.1
Oil and gas field properties.....	..do.....	6,106.2	359.5	1,222.5	1,374.1	1,362.2	219.5	220.0	679.2	249.1	420.1
Buildings, other structures, and machinery.....	..do.....	5,877.2	338.9	1,081.8	1,353.5	1,332.1	214.9	216.6	677.0	246.5	415.8
Gross book value of fixed assets (end of year).....	..do.....	228.9	20.6	140.7	20.6	30.1	4.6	3.3	2.1	2.6	4.3
Oil and gas field properties.....	..do.....	127,813.7	4,618.6	28,397.8	45,432.3	19,191.5	8,748.6	4,196.0	4,091.5	5,487.4	7,650.0
Buildings, other structures, and machinery.....	..do.....	125,211.5	4,338.2	27,447.7	44,882.4	18,859.4	8,648.1	4,148.9	3,982.4	5,384.5	7,519.9
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	2,602.2	280.5	950.1	549.8	332.1	100.5	47.1	109.1	102.9	130.1
Oil and gas field properties.....	..do.....	8,873.5	286.1	2,219.4	2,548.0	1,570.3	619.1	297.1	289.6	480.0	564.0
Buildings, other structures, and machinery.....	..do.....	8,680.3	261.7	2,154.3	2,508.9	1,541.2	611.0	293.2	283.4	472.8	553.7
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	193.2	24.4	65.1	39.1	29.0	8.0	4.0	6.2	7.2	10.3
Oil and gas field properties.....	..do.....	48,552.6	1,068.3	12,447.9	16,243.6	8,759.9	3,119.7	1,360.2	1,213.5	1,877.4	2,462.1
Buildings, other structures, and machinery.....	..do.....	47,628.2	952.6	12,186.9	16,005.6	8,625.3	3,074.7	1,347.3	1,183.7	1,832.1	2,420.0
	..do.....	924.4	115.7	261.0	238.0	134.5	45.0	13.0	29.8	45.3	42.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 17. Detailed Statistics by Lease Classification and Total Lease Revenues Rank:  
1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	9-16 companies	17-50 companies	51-200 companies	All other companies
OIL LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	1,742.7	817.8	390.5	267.0	121.5	146.0
From stripper well leases.....	..do.....	274.6	73.1	54.0	49.0	30.6	67.9
Natural gas.....	Bil. cu. ft..	1,368.8	598.0	328.3	251.5	143.2	47.8
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	20,936.5	9,179.1	4,815.4	3,131.0	1,692.5	2,118.5
Crude petroleum.....	..do.....	20,936.5	9,179.1	4,815.4	3,131.0	1,692.5	2,118.5
Natural gas.....	..do.....	1,647.5	680.8	375.9	356.7	180.9	53.3
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	1,537.8	444.2	229.7	213.8	271.9	378.2
Dry holes.....	..do.....	648.2	177.4	94.6	83.7	126.2	166.3
Oil.....	..do.....	621.3	172.9	75.8	94.2	134.0	144.4
Work-in-progress adjustment.....	..do.....	268.3	94.0	59.2	36.0	11.7	67.5
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	2,656.7	742.6	557.9	433.3	441.1	481.8
Dry holes.....	..do.....	268.0	50.5	37.4	30.8	51.2	98.0
Oil wells.....	..do.....	2,110.3	645.9	404.5	335.1	359.4	365.4
Work-in-progress adjustment.....	..do.....	278.5	46.2	116.0	67.3	30.5	18.5
Production expenditures:							
Direct operating expenditures.....	..do.....	4,297.1	1,678.7	1,123.0	561.0	346.5	587.9
Operating and maintenance.....	..do.....	3,485.1	1,339.4	933.6	483.5	281.3	447.3
Workovers.....	..do.....	499.3	186.1	120.1	49.2	41.3	102.7
Other direct expenses.....	..do.....	312.7	153.3	69.3	28.2	23.8	38.0
GAS LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl.....	81.6	26.2	16.3	18.9	13.9	6.3
From stripper well leases.....	..do.....	1.2	.1	.3	.6	.1	(2)
Lease condensate.....	..do.....	79.3	24.5	16.3	18.7	13.6	6.2
Natural gas.....	Bil. cu. ft..	9,845.5	3,406.8	1,779.6	2,452.9	1,378.6	827.6
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol.....	987.1	294.6	195.3	233.4	178.3	85.5
Lease condensate.....	..do.....	987.1	294.6	195.3	233.4	178.3	85.5
Natural gas.....	..do.....	12,390.6	3,909.7	1,936.1	3,489.5	2,070.8	984.5
Expenditures (capitalized and expensed):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	2,973.2	856.2	406.4	703.7	650.9	356.0
Dry holes.....	..do.....	1,279.5	398.1	203.6	230.2	318.8	128.7
Gas wells.....	..do.....	1,346.3	354.0	112.6	340.8	321.2	217.7
Work-in-progress adjustment.....	..do.....	347.4	104.1	90.2	132.7	10.9	9.5
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	3,880.5	758.7	646.1	1,048.4	789.5	637.8
Dry holes.....	..do.....	482.2	63.8	78.1	90.0	112.7	137.6
Gas.....	..do.....	2,986.0	619.4	396.1	842.8	653.6	474.2
Work-in-progress adjustment.....	..do.....	412.3	75.5	171.9	115.6	23.1	26.1
Production expenditures:							
Direct operating expenditures.....	..do.....	1,394.7	342.6	228.7	380.5	250.4	192.5
Operating and maintenance.....	..do.....	1,044.2	253.6	149.3	319.5	204.4	117.3
Workovers.....	..do.....	253.2	62.6	79.4	61.0	35.8	53.9
Other direct expenses.....	..do.....	97.3	26.4			10.3	21.3

See footnotes at end of table.

**Table 17. Detailed Statistics by Lease Classification and Total Lease Revenues Rank:  
1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	9-16 companies	17-50 companies	51-200 companies	All other companies
COMBINED LEASES							
Sales volumes:							
Crude petroleum and condensate.....	Mil. bbl....	631.2	438.9	74.7	52.3	26.4	39.0
From stripper well leases.....	..do.....	26.5	9.1	5.5	2.5	1.9	7.5
Lease condensate.....	..do.....	29.5	17.7	3.4	4.1	2.7	1.6
Natural gas.....	Bil. cu. ft..	3,572.2	2,186.0	575.0	474.0	233.0	104.3
Lease revenues:							
Crude petroleum and condensate.....	Mil. dol....	7,014.4	4,772.1	768.7	662.1	303.4	508.2
Crude petroleum.....	..do.....	6,664.7	4,561.3	731.0	609.7	268.4	494.3
Lease condensate.....	..do.....	349.7	210.7	37.7	52.4	34.9	13.9
Natural gas.....	..do.....	4,031.9	2,280.7	630.5	613.4	328.0	179.2
Expenditures (capitalized and expenses):							
Exploration expenditures:							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	928.9	276.4	113.2	302.3	112.1	124.9
Dry holes.....	..do.....	499.4	97.2	74.4	182.2	92.6	53.1
Oil wells.....	..do.....	92.6	49.7	11.7	11.7	9.2	22.0
Gas wells.....	..do.....	112.8	44.0		29.2	9.5	30.0
Work-in-progress adjustment.....	..do.....	224.1	88.9	35.3	79.2	.9	19.8
Development expenditures:							
Drilling and equipping wells <sup>1 2</sup> .....	..do.....	1,435.3	708.0	122.1	282.3	176.9	145.9
Dry holes.....	..do.....	125.6	38.3	8.1	46.3	28.5	4.5
Oil wells.....	..do.....	520.0	258.3	38.1	56.1	52.1	115.4
Gas wells.....	..do.....	392.5	150.3	42.8	122.5	52.6	24.3
Work-in-progress adjustment.....	..do.....	397.2	261.2	33.2	57.4	43.7	1.8
Production expenditures:							
Direct operating expenditures.....	..do.....	1,603.6	931.6	179.8	291.1	85.0	116.0
Operating and maintenance.....	..do.....	1,225.4	668.3	148.6	240.0	63.2	105.3
Workovers.....	..do.....	248.5	153.0	31.2	51.1	13.6	7.0
Other direct expenses.....	..do.....	129.6	110.4			8.3	3.7

Note: Detailed figures may not add to totals because of independent rounding.

(2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>The detail of this table does not add to totals presented for these items in other net company interest tables since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

**Table 18. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .449	.450 to .499	.500 to .549	.550 to .599	.600 to .649	.650 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	1,215.1	423.8	213.1	205.1	178.8	36.4	46.7	136.6
From stripper well leases.....	..do.....	302.3	113.2	52.8	17.0	29.3	31.9	4.2	13.6	40.3
Lease condensate.....	..do.....	108.8	38.9	25.6	10.2	7.6	10.2	2.8	2.5	11.1
Natural gas.....	Bil. cu. ft.	14,786.5	5,300.3	3,120.2	1,541.9	1,111.3	1,449.4	349.3	411.7	1,502.4
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	48,430.8	21,143.7	8,218.2	4,627.7	4,011.9	3,975.3	946.5	1,327.0	4,180.4
Crude petroleum.....	..do.....	28,938.0	14,084.1	4,873.7	2,508.4	2,356.1	2,132.8	471.9	596.6	1,914.4
Lease condensate.....	..do.....	27,601.2	13,626.0	4,561.1	2,375.3	2,258.2	2,014.5	434.1	560.1	1,771.8
Natural gas.....	..do.....	1,336.8	458.0	312.7	133.0	97.9	118.3	37.8	36.4	142.6
Income from oil and gas royalties	..do.....	18,070.2	6,558.4	3,099.2	1,929.5	1,539.5	1,715.0	435.6	623.6	2,169.3
Other lease revenues from pro-	..do.....	1,128.1	349.4	215.5	164.7	105.3	98.4	24.8	95.6	74.4
ducing operations.....	..do.....	294.5	151.8	29.8	25.1	11.0	29.1	14.2	11.3	22.3
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	..do.....	44,686.4	20,340.6	6,465.7	4,143.9	3,667.7	3,364.0	961.7	1,411.1	4,331.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,617.2	6,685.4	2,193.8	1,746.8	1,567.6	1,290.1	313.7	453.6	1,366.2
Dry holes.....	..do.....	5,619.2	1,511.7	722.2	715.7	673.0	610.0	165.8	289.1	931.5
Oil wells.....	..do.....	2,565.2	800.1	319.6	263.7	320.5	275.1	90.3	99.7	396.3
Gas wells.....	..do.....	714.0	151.8	107.6	80.0	70.0	65.5	27.8	38.7	172.6
Work-in-progress adjustment..	..do.....	1,459.1	291.3	190.0	185.8	133.2	180.8	59.7	110.4	308.0
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	268.6	105.0	186.2	149.5	88.7	-11.9	40.3	54.7
Land department leasing and scouting.....	..do.....	7,036.5	3,982.7	966.0	627.0	630.4	377.5	72.9	91.4	288.8
Geological and geophysical.....	..do.....	223.5	102.4	29.8	17.7	17.3	23.6	6.2	8.0	18.6
Lease rents.....	..do.....	1,218.2	492.3	237.8	164.6	142.2	98.8	19.6	11.7	51.3
Test hole contributions.....	..do.....	311.6	80.7	51.6	42.0	32.8	48.2	11.6	12.3	32.2
Other exploration expenditures, including direct overhead.....	..do.....	23.0	7.3	2.0	4.6	33.4	44.3	.6	.9	2.8
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	203.5	116.6	80.0	33.4	44.3	17.5	11.2	21.9
Development expenditures.....	..do.....	661.7	304.7	67.9	95.3	38.5	87.7	19.4	29.0	19.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	17,303.6	8,810.6	2,061.1	1,285.5	1,135.2	1,047.1	411.6	623.8	1,928.8
Dry holes.....	..do.....	7,972.5	2,286.1	1,083.4	744.9	731.8	734.7	283.1	438.9	1,669.7
Oil wells.....	..do.....	875.8	144.0	90.1	70.2	89.8	104.6	35.6	101.2	240.2
Gas wells.....	..do.....	2,630.2	854.9	343.4	242.8	237.3	209.1	103.1	104.8	534.9
Work-in-progress adjustment..	..do.....	3,378.6	801.8	470.5	349.6	274.5	355.1	120.1	205.2	801.8
Lease equipment <sup>3</sup> .....	..do.....	1,087.9	485.5	179.3	82.3	130.2	65.8	24.2	27.7	92.8
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	786.5	308.8	352.9	277.6	143.0	54.1	104.7	118.3
Fluid injection and improved recovery programs.....	..do.....	5,511.3	5,037.8	204.2	40.9	57.7	44.9	29.4	20.6	75.8
Other development expenditures, including direct overhead.....	..do.....	528.3	237.6	172.8	48.1	38.1	56.2	.7	15.8	6.5
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	233.7	179.4	21.7	38.1	56.2	13.2	15.9	33.0
Production expenditures.....	..do.....	601.2	228.9	112.4	77.0	30.0	68.4	31.1	28.0	25.4
Direct operating expenditures..	..do.....	11,765.6	4,844.6	2,210.8	1,111.5	965.0	1,026.7	236.4	333.7	1,036.9
Operating and maintenance....	..do.....	7,295.3	2,824.8	1,464.8	627.7	700.2	583.7	145.9	218.8	729.4
Well workovers.....	..do.....	5,754.7	2,133.3	1,231.7	490.9	528.2	503.8	119.9	182.6	564.2
Other direct expenses.....	..do.....	1,001.1	362.1	199.2	136.8	172.0	58.5	21.8	26.9	110.8
Indirect operating expenditures	..do.....	539.7	329.5	33.8	136.8	172.0	21.4	4.2	9.3	54.4
Taxes (excluding income taxes).....	..do.....	4,470.3	2,019.7	746.1	483.8	264.8	443.1	90.5	114.9	307.4
General and administrative overhead.....	..do.....	2,750.4	1,335.3	488.6	289.6	182.0	208.8	50.9	57.1	138.0
Other indirect expenses.....	..do.....	1,181.3	427.0	257.4	109.4	68.1	234.2	30.2	40.6	135.4
	..do.....	538.6	257.3	257.4	84.8	14.7	9.4	17.1	34.1	

See footnotes at end of table.

**Table 18. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .449	.450 to .499	.500 to .549	.550 to .599	.600 to .649	.650 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	800.1	319.6	263.7	320.5	275.1	90.3	99.7	396.3
Number of wells.....	Number.....	5,073	531	384	500	549	711	258	300	1,841
Total footage drilled.....	Thou. ft....	30,830	4,696	2,741	3,346	3,105	4,641	1,426	1,813	9,062
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	151.8	107.6	80.0	70.0	65.5	27.8	38.7	172.6
Number of wells.....	Number.....	1,826	185	128	146	233	119	77	197	742
Total footage drilled.....	Thou. ft....	9,815	1,388	1,090	1,064	772	837	482	953	3,229
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	291.3	190.0	185.8	133.2	180.8	59.7	110.4	308.0
Number of wells.....	Number.....	1,940	228	116	207	133	319	105	147	686
Total footage drilled.....	Thou. ft....	13,960	2,061	1,164	1,687	1,008	2,167	537	1,114	4,222
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	144.0	90.1	70.2	89.8	104.6	35.6	101.2	240.2
Number of wells.....	Number.....	2,812	319	120	165	201	298	114	246	1,349
Total footage drilled.....	Thou. ft....	14,117	2,117	909	1,004	1,096	1,527	576	1,366	5,522
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	854.9	343.4	242.8	237.3	209.1	103.1	104.8	534.9
Number of wells.....	Number.....	10,351	2,563	832	1,085	900	1,233	352	470	2,916
Total footage drilled.....	Thou. ft....	43,872	11,245	3,926	4,727	3,520	4,325	1,838	1,918	12,373
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	801.8	470.5	349.6	274.5	355.1	120.1	205.2	801.8
Number of wells.....	Number.....	6,152	1,057	380	449	251	443	398	767	2,407
Total footage drilled.....	Thou. ft....	38,636	7,415	3,394	2,993	2,318	3,055	1,816	4,111	13,534
Expenditures for platforms.....	Mil. dol....	766.6	212.8	121.8	89.3	170.0	76.6	13.8	50.3	32.0
Drilling platforms <sup>2</sup> .....	..do.....	482.3	142.6	85.8	52.2	116.6	40.4	13.8	50.3	15.8
Production platforms <sup>3</sup> .....	..do.....	284.3	70.1	36.1	37.1	53.4	36.2			16.2
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	106,587.3	39,228.2	22,019.5	11,028.1	9,715.7	9,574.8	2,921.4	2,903.4	9,196.1
Oil and gas field properties.....	..do.....	104,445.8	38,384.0	21,755.1	11,028.1	9,715.7	9,318.9	2,772.8	2,845.9	8,904.0
Buildings, other structures, and machinery.....	..do.....	2,141.5	844.2	264.3			255.9	148.6	57.5	292.1
Capitalized expenditures.....	..do.....	27,332.6	13,672.5	3,466.5	2,433.5	2,393.7	1,939.2	586.1	630.9	2,210.1
Oil and gas field properties.....	..do.....	26,642.9	13,476.1	3,466.5	2,433.5	2,393.7	1,873.9	539.4	613.2	2,136.8
Buildings, other structures, and machinery.....	..do.....	689.7	196.5				65.3	46.7	17.7	73.3
Retirement and dispositions.....	..do.....	6,106.2	2,014.4	1,291.2	892.7	540.4	466.7	204.1	177.6	519.1
Oil and gas field properties.....	..do.....	5,877.2	1,947.3	1,291.2	892.7	538.0	453.1	177.4	175.6	498.5
Buildings, other structures, and machinery.....	..do.....	228.9	67.0			2.4	13.6	26.7	2.0	20.6
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	50,886.4	24,194.7	12,569.0	11,569.1	11,047.4	3,303.4	3,356.8	10,887.1
Oil and gas field properties.....	..do.....	125,211.5	49,912.8	23,945.5	12,347.2	11,305.6	10,739.8	3,134.8	3,283.5	10,542.3
Buildings, other structures, and machinery.....	..do.....	2,602.2	973.6	249.2	221.8	263.5	307.5	168.5	73.2	344.8
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	8,873.5	3,022.5	1,879.9	992.8	1,029.6	697.4	179.3	244.4	827.6
Oil and gas field properties.....	..do.....	8,680.3	2,953.0	1,855.3	974.6	1,024.9	672.9	165.5	238.7	795.3
Buildings, other structures, and machinery.....	..do.....	193.2	69.5	24.6	18.2	4.7	24.4	13.8	5.8	32.3
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	48,552.6	16,093.8	11,814.5	5,544.7	5,274.9	4,198.1	1,117.4	1,083.3	3,426.0
Oil and gas field properties.....	..do.....	47,628.2	15,763.8	11,688.8	5,463.8	5,216.0	4,082.3	1,067.5	1,052.8	3,293.2
Buildings, other structures, and machinery.....	..do.....	924.4	330.0	125.7	80.9	58.8	115.8	49.9	30.4	132.8

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 19. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	142.6	378.5	221.8	741.1	396.8	482.0	69.8	22.8
From stripper well leases.....	..do.....	302.3	47.0	34.3	36.5	67.6	46.4	48.1	11.4	11.0
Lease condensate.....	..do.....	108.8	.7	14.1	13.5	27.4	19.3	24.2	8.6	1.0
Natural gas.....	Bil. cu. ft.	14,786.5	300.9	1,839.4	1,813.8	4,140.7	2,717.6	3,254.8	623.9	95.4
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	48,430.8	2,524.3	7,059.2	5,027.3	13,871.4	7,655.1	9,807.3	2,018.5	467.6
Crude petroleum and condensate...	..do.....	28,938.0	2,137.3	4,422.7	2,685.1	8,496.1	4,513.8	5,438.7	914.4	330.0
Crude petroleum.....	..do.....	27,601.2	2,125.6	4,243.3	2,520.8	8,159.9	4,289.1	5,135.6	811.1	315.8
Lease condensate.....	..do.....	1,336.8	11.7	179.5	164.3	336.2	224.7	303.0	103.3	14.2
Natural gas.....	..do.....	18,070.2	319.7	2,356.1	2,129.3	5,043.8	2,952.1	4,106.1	1,033.7	129.4
Income from oil and gas royalties	..do.....	1,128.1	57.8	236.0	178.7	255.0	165.2	169.0	61.8	4.5
Other lease revenues from producing operations.....	..do.....	294.5	9.4	44.4	34.2	76.5	24.1	93.5	8.7	3.7
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	..do.....	44,686.4	1,403.0	5,933.8	4,189.2	16,063.0	5,884.4	8,106.3	2,658.4	448.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,617.2	160.6	2,110.8	1,299.8	4,931.4	1,930.4	3,900.4	1,072.5	211.3
Dry holes.....	..do.....	5,619.2	106.1	640.0	565.9	1,642.8	779.3	1,176.3	579.7	129.0
Oil wells.....	..do.....	2,565.2	-	149.2	189.1	642.9	360.3	715.6	386.4	121.7
Gas wells.....	..do.....	714.0	23.7	136.1	82.9	197.4	109.6	107.2	47.4	9.6
Work-in-progress adjustment..	..do.....	1,459.1	66.7	186.1	197.8	399.6	169.6	288.4	142.8	8.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	15.8	168.6	96.2	402.9	139.9	65.1	3.1	-10.5
Land department leasing and scouting.....	..do.....	7,036.5	29.4	1,133.7	478.6	2,153.0	699.5	2,186.2	321.4	34.6
Geological and geophysical.....	..do.....	223.5	2.1	25.3	26.3	87.6	25.7	41.4	14.1	1.0
Lease rents.....	..do.....	1,218.2	2.7	103.3	109.6	462.9	246.6	224.7	53.0	15.5
Test hole contributions.....	..do.....	311.6	.9	31.7	37.2	94.8	56.8	60.1	31.4	3.8
Other exploration expenditures, including direct overhead.....	..do.....	23.0		3.0	1.2	7.2		5.9	.6	(2)
General and administrative overhead, not reported elsewhere.....	..do.....	523.5		127.1	37.5	146.0	47.1	119.9	27.4	
Development expenditures.....	..do.....	661.7	19.4	46.7	43.6	337.1	75.2	85.9	44.8	27.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	17,303.6	599.0	2,331.7	1,499.5	7,698.1	1,911.0	2,100.0	1,052.6	111.9
Dry holes.....	..do.....	7,972.5	368.6	1,564.9	878.8	1,859.7	1,215.2	1,409.6	604.0	71.7
Oil wells.....	..do.....	875.8	-	62.7	67.8	143.1	175.1	174.7	207.5	44.9
Gas wells.....	..do.....	2,630.2	216.5	519.1	310.3	661.1	317.4	485.7	104.5	15.6
Work-in-progress adjustment..	..do.....	3,378.6	138.7	633.0	423.6	723.6	496.8	681.7	281.2	
Lease equipment <sup>3</sup> .....	..do.....	1,087.9	13.4	350.1	77.0	331.9	225.8	67.6	22.0	
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	92.8	354.6	175.9	692.5	366.4	322.6	126.3	14.8
Fluid injection and improved recovery programs.....	..do.....	5,511.3	51.9	229.9	175.5	4,706.4		78.5	258.1	11.0
Other development expenditures, including direct overhead.....	..do.....	528.3	15.0	61.5	70.6	284.1		87.4	9.8	
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	60.2	65.5	94.1	120.3	85.7	89.6	28.9	
Production expenditures.....	..do.....	601.2	10.4	55.3	104.5	212.4	66.3	112.4	39.8	
Direct operating expenditures..	..do.....	11,765.6	643.5	1,491.3	1,389.9	3,433.5	2,043.0	2,105.9	533.3	125.1
Operating and maintenance....	..do.....	7,295.3	442.1	854.5	880.0	2,160.3	1,333.3	1,187.1	342.0	96.1
Well workovers.....	..do.....	5,754.7	318.2	697.5	802.0	1,713.0	998.2	894.6	258.3	72.9
Other direct expenses.....	..do.....	1,001.1	83.0	84.5	64.1	252.6	243.9	186.8	71.0	15.4
Indirect operating expenditures	..do.....	539.7	41.0	72.5	13.9	194.8	91.2	105.7	12.8	7.8
Taxes (excluding income taxes).....	..do.....	4,470.3	201.4	636.8	509.9	1,273.1	709.8	918.8	191.3	29.1
General and administrative overhead.....	..do.....	2,750.4	43.0	468.5	280.6	800.9	445.5	587.8	111.6	12.6
Other indirect expenses.....	..do.....	1,181.3	121.0	123.0	229.4	340.0	234.0	331.0	61.1	11.7
	..do.....	538.6	37.4	45.3		132.2	30.3		18.7	4.8

See footnotes at end of table.



**Table 19. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,565.2	-	149.2	189.1	642.9	360.3	715.6	386.4	121.7
Number of wells.....	Number.....	5,073	-	639	403	808	513	1,041	826	844
Total footage drilled.....	Thou. ft....	30,830	-	2,899	2,888	5,986	3,496	6,134	6,360	3,067
Exploration oil wells:										
Expenditures.....	Mil. dol....	714.0	23.7	136.1	82.9	197.4	109.6	107.2	47.4	9.6
Number of wells.....	Number.....	1,826	194	479	99	299	283	238	181	54
Total footage drilled.....	Thou. ft....	9,815	577	2,248	933	2,186	1,346	1,281	1,089	155
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,459.1	66.7	186.1	197.8	399.6	169.6	288.4	142.8	8.2
Number of wells.....	Number.....	1,940	287	306	179	430	152	335	202	51
Total footage drilled.....	Thou. ft....	13,960	1,466	2,115	1,503	3,271	1,301	2,296	1,815	193
Development dry holes:										
Expenditures.....	Mil. dol....	875.8	-	62.7	67.8	143.1	175.1	174.7	207.5	44.9
Number of wells.....	Number.....	2,812	-	407	164	368	462	376	544	492
Total footage drilled.....	Thou. ft....	14,117	-	1,576	986	2,200	2,942	2,209	2,960	1,244
Development oil wells:										
Expenditures.....	Mil. dol....	2,630.2	216.5	519.1	310.3	661.1	317.4	485.7	104.5	15.6
Number of wells.....	Number.....	10,351	1,233	2,878	1,084	2,090	957	1,487	461	162
Total footage drilled.....	Thou. ft....	43,872	4,386	9,815	5,842	9,953	4,194	6,756	2,496	430
Development gas wells:										
Expenditures.....	Mil. dol....	3,378.6	138.7	633.0	423.6	723.6	496.8	681.7	281.2	
Number of wells.....	Number.....	6,152	615	1,301	674	1,131	990	788	652	
Total footage drilled.....	Thou. ft....	38,636	3,018	7,459	4,185	7,239	6,120	6,340	4,275	
Expenditures for platforms.....	Mil. dol....	766.6	-	99.3	95.6	176.1	168.5	172.1	41.6	13.3
Drilling platforms <sup>2</sup> .....	..do.....	482.3	-	38.5	59.4	138.2	115.9	109.2	41.6	13.3
Production platforms <sup>3</sup> .....	..do.....	284.3	-	60.8	36.2	37.9	52.7	62.9		
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	106,587.3	3,573.5	14,070.0	14,217.7	30,078.9	18,655.4	19,916.0	4,927.0	1,148.9
Oil and gas field properties.....	..do.....	104,445.8	3,390.4	13,828.8	14,068.6	29,399.1	18,378.8	19,606.7	4,696.0	1,077.3
Buildings, other structures, and machinery.....	..do.....	2,141.5	183.1	241.2	149.0	679.8	276.5	309.3	231.0	71.6
Capitalized expenditures.....	..do.....	27,332.6	457.4	3,681.3	2,340.0	10,806.1	2,945.4	5,336.3	1,518.9	247.2
Oil and gas field properties.....	..do.....	26,642.9	435.0	3,595.3	2,288.7	10,642.3		5,281.4	1,459.9	
Buildings, other structures, and machinery.....	..do.....	689.7	22.4	86.0	51.3	163.8		54.9	59.0	247.2
Retirement and dispositions.....	..do.....	6,106.2	248.4	516.5	644.1	1,729.6	1,516.2	1,011.8	368.3	71.1
Oil and gas field properties.....	..do.....	5,877.2	233.5	489.2	638.6	1,677.6		995.1	357.0	
Buildings, other structures, and machinery.....	..do.....	228.9	14.9	27.3	5.5	52.0		16.7	11.3	71.1
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	3,782.5	17,234.8	15,913.6	39,155.3	20,084.5	24,240.5	6,077.6	1,325.0
Oil and gas field properties.....	..do.....	125,211.5	3,591.9	16,934.9	15,718.7	38,363.8	19,671.0	23,893.0	5,798.9	1,239.2
Buildings, other structures, and machinery.....	..do.....	2,602.2	190.6	299.9	194.9	791.5	413.6	347.4	278.7	85.7
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	8,873.5	199.6	1,208.0	1,149.9	2,185.8	1,829.6	1,709.1	466.4	125.1
Oil and gas field properties.....	..do.....	8,680.3	190.1	1,185.1	1,134.3	2,122.6	1,801.9	1,686.4	443.3	116.7
Buildings, other structures, and machinery.....	..do.....	193.2	9.5	22.9	15.6	63.2	27.7	22.8	23.1	8.4
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	48,552.6	700.1	5,310.5	7,350.7	12,889.9	9,432.5	10,416.0	2,009.5	443.3
Oil and gas field properties.....	..do.....	47,628.2	652.6	5,199.8	7,280.9	12,633.8	9,294.6	10,252.6	1,909.0	404.8
Buildings, other structures, and machinery.....	..do.....	924.4	47.5	110.7	69.7	256.1	138.0	163.4	100.5	38.5

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 20. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class						
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
<b>Sales volumes:</b>									
Crude petroleum and condensate...	Mil. bbl....	2,455.5	104.2	1,827.5	333.8	76.0	28.8	35.1	50.2
From stripper well leases.....	..do.....	302.3	51.0	174.4	37.8	15.7	4.7	10.1	8.7
Lease condensate.....	..do.....	108.8	1.0	77.7	12.6	4.2	5.7	3.4	4.3
Natural gas.....	Bil. cu. ft.	14,786.5	323.5	10,304.8	2,134.1	705.6	594.0	444.1	280.5
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>48,430.8</b>	<b>1,850.2</b>	<b>34,455.5</b>	<b>6,371.9</b>	<b>1,987.1</b>	<b>1,476.2</b>	<b>1,166.6</b>	<b>1,123.1</b>
Crude petroleum and condensate...	..do.....	28,938.0	1,416.1	21,210.1	3,789.5	992.2	403.2	515.0	611.8
Crude petroleum.....	..do.....	27,601.2	1,398.4	20,276.5	3,628.8	939.7	324.1	471.6	562.1
Lease condensate.....	..do.....	1,336.8	17.7	933.6	160.7	52.6	79.1	43.5	49.7
Natural gas.....	..do.....	18,070.2	372.1	12,269.2	2,418.9	898.9	1,050.3	600.4	460.4
Income from oil and gas royalties	..do.....	1,128.1	26.7	767.3	141.9	84.7	15.0	45.8	46.8
Other lease revenues from producing operations.....	..do.....	294.5	35.3	208.9	21.6	11.3	7.7	5.4	4.3
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>44,686.4</b>	<b>1,386.3</b>	<b>31,316.5</b>	<b>5,740.9</b>	<b>2,066.6</b>	<b>1,581.2</b>	<b>1,313.3</b>	<b>1,281.7</b>
Exploration expenditures.....	..do.....	15,617.2	31.9	9,925.1	2,336.7	972.7	777.6	741.3	832.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	-	2,567.6	1,048.5	484.3	442.2	451.2	625.5
Dry holes.....	..do.....	2,565.2	-	1,329.0	392.4	200.6	250.4	171.8	221.0
Oil wells.....	..do.....	714.0	-	278.6	168.1	62.3	47.0	68.6	89.3
Gas wells.....	..do.....	1,459.1	-	563.6	236.0	175.5	142.6	144.3	197.1
Work-in-progress adjustment..	..do.....	881.0	-	396.4	252.0	45.9	2.2	66.4	118.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	15.3	5,389.3	807.2	318.1	203.6	198.8	104.3
Land department leasing and accounting.....	..do.....	223.5	4.6	153.7	29.6	14.4	9.2	8.5	3.6
Geological and geophysical.....	..do.....	1,218.2	3.1	829.3	219.2	84.4	47.5	26.4	8.3
Lease rents.....	..do.....	311.6	1.0	174.4	55.0	25.2	18.7	18.6	18.8
Test hole contributions.....	..do.....	23.0	-	10.5	8.4	-	.2	.4	-
Other exploration expenditures, including direct overhead.....	..do.....	523.5	8.0	360.4	88.6	19.3	21.7	10.5	22.3
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	-	439.9	80.3	27.0	34.5	27.0	49.3
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>17,303.6</b>	<b>741.8</b>	<b>13,023.5</b>	<b>1,793.3</b>	<b>659.4</b>	<b>528.0</b>	<b>339.5</b>	<b>218.1</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	516.0	5,142.5	1,097.0	455.0	379.4	240.1	142.4
Dry holes.....	..do.....	875.8	78.1	501.0	103.6	54.2	71.7	46.3	21.0
Oil wells.....	..do.....	2,630.2	215.8	1,729.0	406.4	124.9	68.0	56.6	29.5
Gas wells.....	..do.....	3,378.6	217.7	2,084.6	426.9	226.9	205.6	134.9	82.1
Work-in-progress adjustment..	..do.....	1,087.9	4.4	827.9	160.1	49.0	34.2	2.3	9.9
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	77.9	1,329.1	474.6	104.0	67.1	49.2	44.0
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	56.1	5,218.2	99.1	39.2	45.3	27.5	25.9
Fluid injection and improved recovery programs.....	..do.....	528.3	15.8	440.9	44.2	22.8	1.8	1.9	.9
Other development expenditures, including direct overhead.....	..do.....	544.3	60.9	430.1	19.0	16.5	10.6	6.5	.7
General and administrative overhead, not reported elsewhere.....	..do.....	601.2	15.0	462.7	59.4	22.0	23.7	14.3	4.2
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>11,765.6</b>	<b>612.7</b>	<b>8,367.9</b>	<b>1,610.8</b>	<b>434.5</b>	<b>275.6</b>	<b>232.5</b>	<b>231.6</b>
Direct operating expenditures..	..do.....	7,295.3	424.0	5,063.5	1,033.6	272.4	163.5	168.6	169.8
Operating and maintenance....	..do.....	5,754.7	309.5	4,052.2	761.4	229.5	131.9	137.5	132.7
Well workovers.....	..do.....	1,001.1	78.1	633.9	272.2	43.1	21.3	26.1	28.1
Other direct expenses.....	..do.....	539.7	36.4	377.4	-	-	10.3	5.0	9.0
Indirect operating expenditures	..do.....	4,470.3	188.7	3,304.4	577.2	162.0	112.1	63.9	61.9
Taxes (excluding income taxes).....	..do.....	2,750.4	45.4	2,119.4	352.4	89.8	73.9	37.4	32.2
General and administrative overhead.....	..do.....	1,181.3	110.3	782.2	224.9	72.2	35.0	22.8	24.8
Other indirect expenses.....	..do.....	538.6	33.0	402.6	-	-	3.3	3.8	4.9

See footnotes at end of table.

**Table 20. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class						
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
<b>Drilling statistics:</b>									
Exploration dry holes:									
Expenditures.....	Mill. dol....	2,565.2	-	1,329.0	392.4	200.6	250.4	171.8	221.0
Number of wells.....	Number.....	5,073	-	1,617	749	392	721	827	766
Total footage drilled.....	Thou. ft....	30,830	-	11,486	4,743	3,276	3,213	3,114	4,998
Exploration oil wells:									
Expenditures.....	Mill. dol....	714.0	-	278.6	168.1	62.3	47.0	68.6	89.3
Number of wells.....	Number.....	1,826	-	453	256	155	215	381	367
Total footage drilled.....	Thou. ft....	9,815	-	3,032	1,748	1,041	753	1,568	1,673
Exploration gas wells:									
Expenditures.....	Mill. dol....	1,459.1	-	563.6	236.0	175.5	142.6	144.3	197.1
Number of wells.....	Number.....	1,940	-	469	252	206	176	285	553
Total footage drilled.....	Thou. ft....	13,960	-	3,966	2,067	1,625	1,201	1,687	3,414
Development dry holes:									
Expenditures.....	Mill. dol....	875.8	78.1	501.0	103.6	54.2	71.7	46.3	21.0
Number of wells.....	Number.....	2,812	456	1,199	238	135	276	388	120
Total footage drilled.....	Thou. ft....	14,117	1,661	7,434	1,436	958	1,151	984	493
Development oil wells:									
Expenditures.....	Mill. dol....	2,630.2	215.8	1,729.0	406.4	124.9	68.0	56.6	29.5
Number of wells.....	Number.....	10,351	1,763	5,968	1,141	447	473	396	164
Total footage drilled.....	Thou. ft....	43,872	5,523	26,615	6,297	1,885	1,539	1,314	699
Development gas wells:									
Expenditures.....	Mill. dol....	3,378.6	217.7	2,084.6	426.9	226.9	205.6	134.8	82.1
Number of wells.....	Number.....	6,152	1,121	3,245	610	315	402	284	176
Total footage drilled.....	Thou. ft....	38,636	4,905	21,642	3,898	2,707	2,531	1,789	1,164
Expenditures for platforms.....	Mill. dol....	766.6	455.8		130.5	69.8	49.2	50.1	11.3
Drilling platforms <sup>2</sup> .....	..do.....	482.3	284.5		130.5	50.9	19.5	50.1	7.2
Production platforms <sup>3</sup> .....	..do.....	284.3	171.4			18.9	29.7		4.1
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	106,587.3	2,868.7	73,578.8	14,678.9	5,521.9	4,550.6	2,803.5	2,584.8
Oil and gas field properties.....	..do.....	104,445.8	2,660.9	72,283.7	14,437.8	5,460.9	4,492.2	2,742.9	2,367.4
Buildings, other structures, and machinery.....	..do.....	2,141.5	207.8	1,295.1	241.2	61.0	58.4	60.6	217.4
Capitalized expenditures.....	..do.....	27,332.6	421.9	19,658.1	3,208.0	1,343.8	1,197.8	814.4	688.6
Oil and gas field properties.....	..do.....	26,642.9	388.4	19,315.5	2,990.7	1,329.8	1,188.0	803.9	626.7
Buildings, other structures, and machinery.....	..do.....	689.7	33.4	342.6	217.4	14.0	9.8	10.6	61.9
Retirement and dispositions.....	..do.....	6,106.2	130.4	3,917.2	772.2	727.5	346.4	68.1	144.4
Oil and gas field properties.....	..do.....	5,877.2	116.0	3,735.9	758.3	723.2	342.0	64.5	137.3
Buildings, other structures, and machinery.....	..do.....	228.9	14.5	181.3	13.9	4.2	4.4	3.5	7.1
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	3,160.2	89,319.8	17,114.8	6,138.3	5,401.9	3,549.9	3,128.9
Oil and gas field properties.....	..do.....	125,211.5	2,933.4	87,863.3	16,670.1	6,067.5	5,338.2	3,482.2	2,856.7
Buildings, other structures, and machinery.....	..do.....	2,602.2	226.8	1,456.4	444.7	70.8	63.7	67.6	272.2
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	8,873.5	197.4	5,874.9	1,351.6	487.2	440.2	289.4	232.8
Oil and gas field properties.....	..do.....	8,680.3	183.8	5,757.7	1,330.7	480.6	434.9	284.0	208.6
Buildings, other structures, and machinery.....	..do.....	193.2	13.5	117.2	20.9	6.6	5.3	5.4	24.2
Depletion, depreciation, and amortization of fixed assets, accumulated charges, end of year.....	..do.....	48,552.6	897.4	33,944.2	7,723.6	2,214.0	1,665.7	1,062.1	1,045.6
Oil and gas field properties.....	..do.....	47,628.2	835.4	33,393.5	7,591.3	2,186.0	1,644.2	1,041.3	936.7
Buildings, other structures, and machinery.....	..do.....	924.4	62.0	550.7	132.4	28.1	21.6	20.8	109.0

\* Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 21. Gross Operator Drilling Statistics for Oil, Gas, and Dry Wells—Companies Ranked by Crude Petroleum, Condensate, and Natural Gas Sales: 1979**

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
All wells.....	49,472	250,148	5,056	16,644.3	336	66.54
Primary sample companies <sup>1</sup> .....	33,973	192,407	5,664	14,415.5	424	74.92
1 - 8.....	4,340	30,830	7,104	3,424.1	789	111.06
9 - 16.....	3,399	18,415	5,418	2,036.4	599	110.58
17 - 32.....	2,457	19,239	7,830	1,979.6	806	102.90
33 - 50.....	1,775	10,872	6,125	936.6	528	86.15
51 - 100.....	3,041	21,010	6,909	1,537.4	506	73.17
101 - 150.....	2,529	13,090	5,176	830.2	328	63.42
151 - 200.....	1,326	9,481	7,150	504.9	381	53.25
All other companies.....	15,106	69,470	4,599	3,166.3	210	45.58
Supplemental sample companies <sup>2</sup> .....	15,499	57,741	3,725	2,228.8	144	38.60
Exploration.....	16,270	90,054	5,535	7,019.5	431	77.95
Oil wells.....	3,921	17,827	4,547	1,106.4	282	62.06
Primary sample companies <sup>1</sup> .....	2,188	12,336	5,638	911.5	417	73.89
1 - 8.....	241	2,073	8,602	240.2	997	115.87
9 - 16.....	92	727	7,902	98.6	1,072	135.63
17 - 32.....	82	679	8,280	93.4	1,139	137.56
33 - 50.....	48	363	7,563	29.2	608	80.44
51 - 100.....	133	1,051	7,902	99.2	746	94.39
101 - 150.....	127	899	7,079	61.6	485	68.52
151 - 200.....	134	836	6,239	41.4	309	49.52
All other companies.....	1,331	5,708	4,289	247.9	186	43.43
Supplemental sample companies <sup>2</sup> .....	1,733	5,491	3,168	194.9	113	35.49
Gas wells.....	3,382	21,989	6,502	2,252.0	666	102.41
Primary sample companies <sup>1</sup> .....	2,202	16,959	7,702	2,010.2	913	118.53
1 - 8.....	317	3,264	10,297	512.8	1,618	157.11
9 - 16.....	83	858	10,337	168.9	2,035	196.85
17 - 32.....	184	1,624	8,826	244.2	1,327	150.37
33 - 50.....	147	1,365	9,286	209.7	1,427	153.63
51 - 100.....	214	1,874	8,757	223.4	1,044	119.21
101 - 150.....	143	1,029	7,196	116.4	814	113.12
151 - 200.....	123	1,039	8,447	88.8	722	85.47
All other companies.....	991	5,906	5,960	446.0	450	75.52
Supplemental sample companies <sup>2</sup> .....	1,180	5,030	4,263	241.8	205	48.07
Dry holes.....	8,967	50,238	5,603	3,661.1	408	72.88
Primary sample companies <sup>1</sup> .....	5,846	38,040	6,507	3,256.9	557	85.62
1 - 8.....	582	5,449	9,363	891.6	1,532	163.63
9 - 16.....	247	3,274	13,255	479.1	1,940	146.33
17 - 32.....	376	3,325	8,843	421.5	1,121	126.77
33 - 50.....	259	2,095	8,089	185.6	717	88.59
51 - 100.....	591	4,750	8,037	428.9	726	90.29
101 - 150.....	383	2,389	6,238	157.7	412	66.01
151 - 200.....	222	1,760	7,928	95.6	431	54.32
All other companies.....	3,186	14,998	4,707	597.0	187	39.81
Supplemental sample companies <sup>2</sup> .....	3,121	12,198	3,908	404.2	130	33.14
Development.....	33,202	160,094	4,822	9,624.8	290	60.12
Oil wells.....	16,376	70,384	4,298	3,679.3	225	52.27
Primary sample companies <sup>1</sup> .....	11,928	54,526	4,571	3,074.5	258	56.39
1 - 8.....	2,150	11,588	5,390	816.9	380	70.50
9 - 16.....	2,101	7,992	3,804	561.4	267	70.25
17 - 32.....	531	3,068	5,778	272.6	513	88.85
33 - 50.....	667	2,616	3,922	149.8	225	57.26
51 - 100.....	927	5,094	5,495	232.3	251	45.60
101 - 150.....	1,009	3,873	3,838	191.6	190	49.47
151 - 200.....	392	2,585	6,594	84.6	216	32.73
All other companies.....	4,151	17,710	4,266	765.2	184	43.21
Supplemental sample companies <sup>2</sup> .....	4,448	15,858	3,565	604.8	136	38.14
Gas wells.....	11,267	64,166	5,695	4,671.9	415	72.81
Primary sample companies <sup>1</sup> .....	8,283	52,141	6,295	4,130.1	499	79.21
1 - 8.....	783	6,622	8,457	805.9	1,029	121.70
9 - 16.....	711	4,526	6,366	592.5	833	130.90
17 - 32.....	938	7,877	8,398	807.7	861	102.54
33 - 50.....	485	3,212	6,623	296.7	612	92.37
51 - 100.....	895	6,244	6,977	426.6	477	68.32
101 - 150.....	626	3,292	5,259	214.5	343	65.16
151 - 200.....	342	2,403	7,026	154.8	453	64.42
All other companies.....	3,504	17,965	5,127	831.5	237	46.28
Supplemental sample companies <sup>2</sup> .....	2,984	12,025	4,030	541.8	182	45.06
Dry holes.....	5,559	25,544	4,595	1,273.6	229	49.86
Primary sample companies <sup>1</sup> .....	3,526	18,405	5,220	1,032.3	293	56.09
1 - 8.....	267	1,834	6,869	156.7	587	85.44
9 - 16.....	165	1,038	6,291	135.9	824	130.92
17 - 32.....	346	2,666	7,705	140.2	405	52.59
33 - 50.....	169	1,221	7,225	65.6	388	53.73
51 - 100.....	281	1,997	7,107	127.0	452	63.60
101 - 150.....	241	1,608	6,672	88.4	367	54.98
151 - 200.....	113	858	7,593	39.7	351	46.27
All other companies.....	1,943	7,183	3,697	278.7	143	38.80
Supplemental sample companies <sup>2</sup> .....	2,033	7,139	3,512	241.3	119	33.80

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>The primary sample was selected from the 1977 Census of Mineral Industries universe of companies. See appendix B for further detail on sample design.

<sup>2</sup>The supplemental sample is composed of companies that were not part of the 1977 Census of Mineral Industries universe. See appendix B for further detail on sample design.

**Table 22. Detailed Statistics for the Onshore-Lower 48 States Grouped by Stripper Well Lease Specialization Ratio: 1979**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	1,734.9	326.5	200.0	862.7	193.9	29.0	15.2	11.0	96.7
From stripper well leases.....	..do.....	302.0	7.5	15.9	124.6	43.8	9.6	6.7	6.2	87.6
Lease condensate.....	..do.....	76.8	15.2	12.3	34.4	10.9	1.7	1.0	0.3	0.9
Natural gas.....	Bil. cu. ft.	10,377.6	2,050.4	1,789.8	4,068.6	1,719.0	235.4	155.0	62.9	296.6
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	35,402.3	7,128.3	4,768.7	15,120.0	4,660.5	805.8	506.2	320.4	2,092.4
Crude petroleum.....	..do.....	21,376.2	4,094.0	2,259.8	10,064.9	2,430.7	426.2	243.6	196.6	1,660.3
Lease condensate.....	..do.....	21,376.2	3,901.6	2,116.1	9,651.5	2,295.4	407.0	227.9	196.6	1,645.3
Natural gas.....	..do.....	12,658.9	192.3	143.7	413.4	135.3	19.3	15.7	15.1	15.1
Income from oil and gas royalties	..do.....	1,097.8	2,767.2	2,418.8	4,535.4	1,954.1	339.9	209.6	118.6	393.5
Other lease revenues from producing operations.....	..do.....	269.5	234.3	80.7	444.3	175.6	37.7	46.8		
Expenditures (capitalized and expensed):										
Exploration expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,846.4	1,275.6	473.2	1,140.5	446.0	107.7	144.9		258.5
Dry holes.....	..do.....	1,621.5	525.9	227.3	495.0	156.9	45.8	49.0	29.1	92.3
Oil wells.....	..do.....	589.2	152.9	42.5	185.8	91.4	14.8	12.2	16.0	73.7
Gas wells.....	..do.....	1,038.5	337.2	156.1	265.4	131.2	37.4	15.6	6.9	88.6
Work-in-progress adjustment..	..do.....	597.3	259.7	47.2	194.3	66.5	9.6	16.0		3.9
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,115.1	434.9	217.7	923.0	352.3	58.0	69.4	14.8	45.1
Land department leasing and scouting.....	..do.....	174.9	26.4	23.5	76.8	31.3	3.4	3.9	1.2	8.2
Geological and geophysical.....	..do.....	948.4	183.6	104.8	523.1	101.8	9.8	12.7	4.0	8.7
Lease rents.....	..do.....	281.5	81.8	31.9	107.4	38.9	5.9	5.4	2.2	8.0
Test hole contributions.....	..do.....	14.7	5.7	2.1	4.6	1.3	.8		(2)	.3
Development expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,541.4	1,885.3		2,041.7	777.7	208.3	150.7	67.7	410.1
Dry holes.....	..do.....	706.2	254.8	58.2	212.4	76.4	39.2	13.3	5.9	45.9
Oil wells.....	..do.....	1,939.8	529.9		734.1	266.2	77.5	53.7	48.1	230.2
Gas wells.....	..do.....	2,352.7	578.7	310.1	787.4	388.6	77.5	67.2	13.3	129.8
Work-in-progress adjustment..	..do.....	542.9	78.4	75.3	307.7	46.4	14.0	16.5	0.4	4.1
Lease equipment <sup>3</sup> .....	..do.....	1,251.2	386.6	99.8	480.8	136.9			18.0	89.1
Lease and land acquisitions of producing acreage.....	..do.....	5,135.8					203.7	90.2		73.4
Fluid injection and improved recovery programs.....	..do.....	507.4	424.2	74.1	4,643.9	140.5			14.0	19.3
Production expenditures:										
Direct operating expenditures..	..do.....	5,755.6	904.6	495.1	2,856.0	701.9	121.4	92.5	72.4	511.9
Operating and maintenance....	..do.....	4,588.1	676.6	350.7	2,329.2	599.7	97.7	71.6	62.2	400.4
Well workovers.....	..do.....	763.8	184.4		315.7	70.0	15.5	13.0		74.7
Other direct expenses.....	..do.....	403.8	43.6	144.5	211.1	32.1	8.2	7.9	10.2	36.8
Indirect operating expenditures:										
Taxes (excluding income taxes).....	..do.....	2,074.0	377.8		983.3	281.9	39.5	31.5		60.2
Other indirect expenses.....	..do.....	409.9	89.4	375.6	61.5	112.0	6.4	1.9	29.2	33.6

See footnotes at end of table.

**Table 22. Detailed Statistics for the Onshore-Lower 48 States Grouped by Stripper Well Lease Specialization Ratio: 1979—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	1,621.5	525.9	227.3	495.0	156.9	45.8	49.0	29.1	92.3
Number of wells.....	Number.....	4,752	1,620	312	650	339	158	119	269	1,285
Total footage drilled.....	Thou. ft....	27,687	9,742	2,409	5,812	2,817	1,022	880	1,388	3,617
Exploration oil wells:										
Expenditures.....	Mil. dol....	589.2	152.9	42.5	185.8	91.4	14.8	12.2	16.0	73.7
Number of wells.....	Number.....	1,762	321	87	407	143	57	28	58	661
Total footage drilled.....	Thou. ft....	9,275	2,251	622	2,413	1,088	340	246	267	2,048
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,038.5	337.2	156.1	265.4	131.2	37.4	15.6	6.9	88.6
Number of wells.....	Number.....	1,787	493	196	291	218	96	27	10	456
Total footage drilled.....	Thou. ft....	12,377	3,997	1,452	2,652	1,527	598	209	88	1,854
Development dry holes:										
Expenditures.....	Mil. dol....	706.2	254.8	58.2	212.4	76.4	39.2	13.3	5.9	45.9
Number of wells.....	Number.....	2,680	872	178	486	255	169	46	52	622
Total footage drilled.....	Thou. ft....	13,028	3,848	1,203	3,479	1,482	919	244	177	1,676
Development oil wells:										
Expenditures.....	Mil. dol....	1,939.8	529.9		734.1	266.2	77.5	53.7	48.1	230.2
Number of wells.....	Number.....	9,964	1,806		2,933	1,101	267	214	405	3,239
Total footage drilled.....	Thou. ft....	40,489	9,565		12,649	4,930	1,346	1,309	2,090	8,600
Development gas wells:										
Expenditures.....	Mil. dol....	2,352.7	578.7	310.1	787.4	388.6	77.5	67.2	13.3	129.8
Number of wells.....	Number.....	5,729	1,725	593	1,309	751	261	176	57	858
Total footage drilled.....	Thou. ft....	34,777	10,202	4,261	9,661	4,643	1,547	772	252	3,439
Expenditures for platforms.....	Mil. dol....	40.1	9.8		14.7		(D)	(D)	-	(D)
Drilling platforms <sup>2</sup> .....	..do.....	15.1	3.6		7.9		(D)	-	-	(D)
Production platforms <sup>3</sup> .....	..do.....	24.9	6.2		6.9		(D)	(D)	-	(D)
Gross book value of fixed assets (end of year) <sup>4</sup> .....	..do.....	81,442.0	15,681.4	7,897.1	39,675.1	11,175.1	1,694.3	1,378.4	589.3	3,351.3
Oil and gas field properties.....	..do.....	79,395.2	15,170.2	7,745.9	38,951.4	10,911.5	1,591.6	1,324.9	580.1	3,119.7
Buildings, other structures, and machinery.....	..do.....	2,046.8	511.1	151.2	723.7	263.6	102.7	53.6	9.2	231.6

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 23A. Selected Statistics Grouped by Legal Form of Organization: 1979

(Gross operator basis)

Items	Unit of measure	United States, total		Corporation		Individual proprietorship		Partnership		Other	
		All companies <sup>1</sup>	Primary sample companies <sup>2</sup>	All companies <sup>1</sup>	Primary sample companies <sup>2</sup>	All companies <sup>1</sup>	Primary sample companies <sup>2</sup>	All companies <sup>1</sup>	Primary sample companies <sup>2</sup>	All companies <sup>1</sup>	Primary sample companies <sup>2</sup>
<b>Sales volumes:</b>											
Crude petroleum and condensate...	Mil. bbl....	3,046.8	2,992.1	2,871.5	2,841.1	65.9	52.2	74.3	68.2	35.1	30.6
Natural gas.....	Bil. cu. ft.	20,005.1	19,613.8	19,015.3	18,792.9	488.5	393.3	331.1	291.4	170.2	136.3
<b>Lease revenues:</b>											
Crude petroleum and condensate...	Mil. dol....	36,900.2	35,949.9	34,167.6	33,644.2	1,025.0	791.4	1,162.5	1,052.1	545.2	462.2
Natural gas.....	..do.....	24,940.0	24,285.3	23,489.4	23,116.4	752.4	587.8	461.9	400.5	236.3	180.6
<b>Drilling statistics:</b>											
<b>Exploration:</b>											
Expenditures.....	Mil. dol....	70,195	6,178.6	6,080.7	5,602.8	307.6	230.4	259.8	238.4	371.6	107.0
Number of wells.....	Number.....	16,270	10,236	10,943	7,627	1,427	757	1,386	1,144	2,515	708
Total footage drilled.....	Thousand ft.	90,054	67,335	67,734	54,986	7,108	4,324	6,398	5,410	8,814	2,615
<b>Dry holes:</b>											
Expenditures.....	Mil. dol....	3,661.1	3,256.9	3,183.3	2,961.8	122.0	96.1	146.1	134.2	209.8	64.8
Number of wells.....	Number.....	8,967	5,846	6,155	4,258	615	357	870	728	1,327	503
Total footage drilled.....	Thousand ft.	50,238	38,040	37,475	30,701	3,405	2,136	4,164	3,422	5,194	1,781
<b>Oil wells:</b>											
Expenditures.....	Mil. dol....	1,106.4	911.5	872.6	750.6	112.8	92.0	56.8	51.1	64.3	17.8
Number of wells.....	Number.....	3,921	2,188	2,372	1,493	532	288	346	287	671	120
Total footage drilled.....	Thousand ft.	17,827	12,336	12,470	9,108	2,234	1,542	1,373	1,225	1,750	461
<b>Gas wells:</b>											
Expenditures.....	Mil. dol....	2,252.0	2,010.2	2,024.8	1,890.4	72.8	42.3	56.9	53.1	97.5	24.4
Number of wells.....	Number.....	3,382	2,202	2,416	1,876	280	112	170	129	517	85
Total footage drilled.....	Thousand ft.	21,989	16,959	17,789	15,177	1,469	646	861	763	1,870	373
<b>Development:</b>											
Expenditures.....	Mil. dol....	9,624.8	8,236.9	8,098.2	7,538.4	388.9	285.2	365.8	305.3	772.0	108.1
Number of wells.....	Number.....	33,202	23,737	23,582	20,140	2,289	1,306	2,216	1,598	5,116	693
Total footage drilled.....	Thousand ft.	160,094	125,072	123,175	109,155	10,001	6,438	9,670	7,166	17,248	2,313
<b>Dry holes:</b>											
Expenditures.....	Mil. dol....	1,273.6	1,032.3	995.6	927.2	45.6	33.2	57.9	47.7	174.5	24.3
Number of wells.....	Number.....	5,559	3,526	3,371	2,750	388	249	406	303	1,393	224
Total footage drilled.....	Thousand ft.	25,544	18,405	18,062	15,593	1,432	918	1,665	1,193	4,385	701
<b>Oil wells:</b>											
Expenditures.....	Mil. dol....	3,679.3	3,074.5	2,956.9	2,716.9	209.2	150.8	193.5	166.5	319.8	40.3
Number of wells.....	Number.....	16,376	11,928	11,551	9,891	1,254	657	1,289	990	2,284	390
Total footage drilled.....	Thousand ft.	70,384	54,526	51,942	45,689	5,476	3,499	5,072	4,162	7,894	1,176
<b>Gas wells:</b>											
Expenditures.....	Mil. dol....	4,671.9	4,130.1	4,145.7	3,894.3	134.1	101.2	114.4	91.1	277.7	43.5
Number of wells.....	Number.....	11,267	8,283	8,660	7,499	647	400	521	305	1,439	79
Total footage drilled.....	Thousand ft.	64,166	52,141	53,171	47,873	3,093	2,021	2,933	1,811	4,969	436

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Includes both the primary sample and the supplemental sample. The supplemental sample is composed of companies that were not part of the 1977 Census of Mineral Industries universe. See appendix B for further detail on sample design.<sup>2</sup>The primary sample was selected from the 1977 Census of Mineral Industries universe of companies. See appendix B for further detail on sample design.

Table 23B. Detailed Statistics Grouped by Legal Form of Organization: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by legal form of organization						
			Corporation				Individual proprietorship	Partnership	Other
			Total	Method of accounting					
				Successful efforts	Full cost	Combined or other methods			
Sales volumes:									
Crude petroleum and condensate..	Mil. bbl....	2,455.5	2,327.2	2,097.3	149.6	80.2	47.0	56.4	24.9
From stripper well leases.....	..do.....	302.3	262.8	216.4	36.7	9.6	10.7	19.3	9.5
Lease condensate.....	..do.....	108.8	102.8	80.8	19.5	2.5	2.2	1.8	2.0
Natural gas.....	Bil. cu. ft.	14,786.5	14,297.0	11,257.8	2,660.7	378.4	152.7	203.3	133.6
Lease revenues.....	Mil. dol....	48,430.8	45,893.9	37,996.1	6,033.9	1,864.0	898.4	1,113.1	525.3
Crude petroleum and condensate..	..do.....	28,938.0	27,146.4	23,806.0	2,035.6	1,304.8	641.9	802.7	347.0
Crude petroleum.....	..do.....	27,601.2	25,892.4	22,827.0	1,790.7	1,274.7	612.0	779.4	317.4
Lease condensate.....	..do.....	1,336.8	1,254.0	979.0	244.9	30.1	29.9	23.3	29.6
Natural gas.....	..do.....	18,070.2	17,402.4	13,167.8	3,739.6	495.0	228.3	274.6	165.0
Income from oil and gas royalties	..do.....	1,128.1	1,071.5	817.4	194.4	59.7	20.4	29.1	7.0
Other lease revenues from producing operations.....	..do.....	294.5	273.7	205.0	64.3	4.4	7.9	6.7	6.3
Expenditures (capitalized and expensed).....	..do.....	44,686.4	42,489.4	34,342.9	6,894.4	1,252.1	795.7	967.9	433.3
Exploration expenditures.....	..do.....	15,617.2	14,865.4	11,516.3	3,044.0	305.1	302.6	269.1	180.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	5,619.2	5,131.6	3,686.8	1,271.8	173.0	203.0	180.0	104.7
Dry holes.....	..do.....	2,565.2	2,341.5	1,681.0	586.8	73.7	89.8	82.0	51.9
Oil wells.....	..do.....	714.0	605.6	452.1	124.8	28.7	34.9	53.7	19.8
Gas wells.....	..do.....	1,459.1	1,349.1	885.2	410.2	53.8	40.3	39.5	30.2
Work-in-progress adjustment.	..do.....	881.0	835.4	668.5	150.1	16.8	38.0	4.8	2.8
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,036.5	6,890.8	5,535.0	1,289.1	66.7	45.0	50.9	49.9
Land department leasing and scouting.....	..do.....	223.5	206.8	161.9	38.2	6.6	1.8	10.6	4.3
Geological and geophysical....	..do.....	1,218.2	1,194.5	1,007.3	164.4	22.8	6.7	9.5	7.5
Lease rents.....	..do.....	311.6	289.5	205.5	72.1	12.0	12.8	4.6	4.6
Test hole contributions.....	..do.....	23.0	22.2	16.2	5.1	0.9	0.4	0.5	(2)
Other exploration expenditures, including direct overhead....	..do.....	523.5	501.7	394.8	101.6	5.4	13.4	4.3	4.0
General and administrative overhead, not reported elsewhere.....	..do.....	661.7	628.4	508.9	101.7	17.8	19.5	8.7	5.1
Development expenditures.....	..do.....	17,303.6	16,546.6	13,286.2	2,623.7	636.7	251.7	388.3	117.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,972.5	7,520.5	5,271.3	1,806.8	442.4	168.5	223.1	60.3
Dry holes.....	..do.....	875.8	812.6	443.2	254.2	115.2	26.1	25.2	12.0
Oil wells.....	..do.....	2,630.2	2,372.0	1,882.4	371.4	118.2	91.1	137.9	29.2
Gas wells.....	..do.....	3,378.6	3,256.9	2,132.7	946.1	178.1	42.8	56.8	22.1
Work-in-progress adjustment.	..do.....	1,087.9	1,079.1	812.9	235.2	31.0	8.5	3.2	-3.0
Lease equipment <sup>3</sup> .....	..do.....	2,146.0	2,052.9	1,636.4	297.1	119.4	34.8	37.9	20.5
Lease and land acquisitions of producing acreage.....	..do.....	5,511.3	5,375.1	5,042.7	308.2	24.2	25.7	101.7	8.8
Fluid injection and improved recovery programs.....	..do.....	528.3	510.8	476.2	31.6	3.0	10.2	3.5	3.9
Other development expenditures, including direct overhead....	..do.....	544.3	526.0	408.6	83.3	34.1	4.2	9.2	4.9
General and administrative overhead not reported elsewhere.....	..do.....	601.2	561.3	450.9	96.8	13.6	8.4	12.8	18.8
Production expenditures.....	..do.....	11,765.6	11,077.5	9,540.5	1,226.7	310.3	241.5	310.6	136.1
Direct operating expenditures.	..do.....	7,295.3	6,803.7	5,830.9	767.8	205.0	168.9	224.7	98.0
Operating and maintenance...	..do.....	5,754.7	5,360.9	4,583.2	623.0	154.7	138.1	176.8	78.9
Well workovers.....	..do.....	1,001.1	925.9	769.4	121.9	34.6	22.7	39.0	13.5
Other direct expenses.....	..do.....	539.7	517.0	478.3	23.0	15.7	8.1	8.9	5.6
Indirect operating expenditures	..do.....	4,470.3	4,273.8	3,709.6	458.9	105.3	72.5	85.9	38.0
Taxes (excluding income taxes)	..do.....	2,750.4	2,658.6	2,356.6	256.3	45.7	35.7	39.0	17.0
General and administrative overhead.....	..do.....	1,181.3	1,096.7	883.3	170.0	43.4	27.2	39.8	17.5
Other indirect expenses.....	..do.....	538.6	518.4	469.7	32.6	16.2	9.6	7.1	3.5

See footnotes at end of table.



Table 23B. Detailed Statistics Grouped by Legal Form of Organization: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by legal form of organization						
			Corporation				Individual proprietorship	Partnership	Other
			Total	Method of accounting					
				Successful efforts	Full cost	Combined or other methods			
Gross book value of fixed assets (beginning of year).....	Mil. dol....	106,587.3	102,506.7	80,846.4	19,038.9	2,621.4	1,440.9	1,636.1	1,003.5
Oil and gas field properties.....	..do.....	104,445.8	100,448.2	79,336.2	18,641.8	2,510.2	1,389.1	1,584.8	983.7
Nonproducing properties.....	..do.....	15,614.2	14,990.7	10,037.2	4,721.8	231.7	253.7	162.6	207.3
Leaseholds.....	..do.....	12,953.1	12,530.2	9,501.2	2,844.5	184.4	120.2	134.4	168.4
Other pre-development accounts.....	..do.....	2,661.2	2,460.5	536.0	1,877.3	47.2	133.5	28.2	38.9
Producing properties.....	..do.....	82,903.8	79,747.0	65,542.7	12,034.5	2,169.8	1,055.8	1,356.3	744.7
Leaseholds.....	..do.....	17,226.2	16,541.1	12,907.8	2,875.1	758.2	142.1	311.7	231.3
Intangible drilling and development accounts.....	..do.....	35,455.6	34,405.7	28,247.9	5,529.0	628.9	425.5	352.7	271.7
Lease and well equipment.....	..do.....	30,222.0	28,800.2	24,387.0	3,630.4	782.8	488.2	691.9	241.6
Work-in-progress.....	..do.....	5,927.7	5,750.6	3,756.3	1,885.5	108.7	79.5	65.9	31.7
Intangible drilling and development accounts.....	..do.....	3,510.1	3,397.7	2,158.2	1,182.3	57.3	60.9	36.2	15.3
Lease and well equipment.....	..do.....	2,417.6	2,352.9	1,598.1	703.3	51.5	18.6	29.7	16.4
Buildings, other structures, and machinery.....	..do.....	2,141.5	2,018.4	1,510.2	397.0	111.3	51.9	51.4	19.9
Capitalized expenditures.....	..do.....	27,332.6	26,468.6	20,958.2	5,135.4	375.0	262.3	406.5	195.2
Oil and gas field properties.....	..do.....	26,642.9	25,814.7	20,396.5	5,063.1	355.2	251.5	384.9	191.8
Nonproducing properties.....	..do.....	7,445.8	7,277.6	5,539.1	1,640.2	98.3	50.5	58.5	59.3
Leaseholds.....	..do.....	6,823.6	6,691.4	5,402.3	1,231.3	57.7	39.6	48.6	44.0
Other pre-development accounts.....	..do.....	622.2	586.2	136.8	408.9	40.5	10.9	9.9	15.3
Producing properties.....	..do.....	13,412.5	12,863.2	10,480.2	2,165.0	218.0	184.5	306.6	58.2
Leaseholds.....	..do.....	4,864.6	4,788.7	4,489.4	281.2	18.1	11.8	55.7	8.4
Intangible drilling and development accounts.....	..do.....	5,208.5	4,952.8	3,546.2	1,281.0	125.6	93.5	138.5	23.7
Lease and well equipment.....	..do.....	3,339.4	3,121.8	2,444.6	602.7	74.4	79.2	112.4	26.0
Work-in-progress.....	..do.....	5,784.6	5,673.9	4,377.2	1,257.9	38.9	16.6	19.8	74.4
Intangible drilling and development accounts.....	..do.....	3,961.4	3,899.0	2,977.0	903.9	18.1	7.7	7.3	47.3
Lease and well equipment.....	..do.....	1,823.3	1,774.9	1,400.1	354.0	20.8	8.9	12.4	27.1
Buildings, other structures, and machinery.....	..do.....	689.7	653.9	561.7	72.4	19.8	10.7	21.6	3.4
Retirements and dispositions.....	..do.....	6,106.2	5,752.8	4,294.9	1,359.6	98.3	169.3	130.8	53.3
Oil and gas properties.....	..do.....	5,877.2	5,536.9	4,115.5	1,328.7	92.7	162.4	125.8	52.1
Nonproducing properties.....	..do.....	2,462.5	2,376.4	1,899.1	456.0	21.3	34.8	29.6	21.6
Leaseholds.....	..do.....	2,154.7	2,085.1	1,723.5	349.0	12.7	25.6	24.8	19.2
Other pre-development accounts.....	..do.....	307.8	291.3	175.6	107.0	8.7	9.2	4.7	2.5
Producing properties.....	..do.....	2,666.1	2,434.3	1,690.3	678.0	66.0	125.1	88.8	17.9
Leaseholds.....	..do.....	564.3	526.6	377.0	132.4	17.3	14.9	19.6	3.1
Intangible drilling and development accounts.....	..do.....	1,259.7	1,167.3	789.5	358.5	19.3	52.2	32.9	7.3
Lease and well equipment.....	..do.....	842.1	740.4	523.8	187.1	29.5	58.0	36.3	7.5
Work-in-progress.....	..do.....	748.6	726.1	526.1	194.6	5.3	2.5	7.5	12.5
Intangible drilling and development accounts.....	..do.....	607.8	590.9	434.2	154.4	2.3	1.8	4.5	10.6
Lease and well equipment.....	..do.....	140.8	135.2	91.9	40.2	3.1	0.7	2.9	2.0
Buildings, other structures, and machinery.....	..do.....	228.9	215.9	179.4	31.0	5.6	6.8	5.0	1.2
Gross book value of fixed assets (end of year).....	..do.....	127,813.7	123,222.5	97,509.7	22,814.7	2,898.1	1,533.9	1,911.9	1,145.4
Oil and gas field properties.....	..do.....	125,211.5	120,766.2	95,617.2	22,376.3	2,772.7	1,478.2	1,843.8	1,123.4
Nonproducing properties.....	..do.....	19,373.6	18,695.9	12,557.4	5,813.3	325.1	266.6	189.6	221.6
Leaseholds.....	..do.....	16,408.1	15,944.0	12,193.0	3,531.3	219.7	132.8	156.9	174.3
Other pre-development accounts.....	..do.....	2,965.6	2,751.9	364.4	2,282.0	105.5	133.8	32.7	47.2
Producing properties.....	..do.....	98,767.7	95,233.3	78,220.0	14,672.8	2,340.5	1,119.0	1,577.9	837.5
Leaseholds.....	..do.....	22,626.8	21,885.7	17,810.1	3,308.2	767.4	140.4	349.7	251.0
Intangible drilling and development accounts.....	..do.....	42,122.9	40,880.3	33,059.6	7,104.0	716.7	467.2	459.4	316.0
Lease and well equipment.....	..do.....	34,018.0	32,467.3	27,350.3	4,260.6	856.4	511.4	768.9	270.4
Work-in-progress.....	..do.....	7,070.2	6,836.9	4,839.8	1,890.1	107.1	92.6	76.3	64.3
Intangible drilling and development accounts.....	..do.....	4,298.7	4,166.7	2,890.0	1,213.0	63.7	66.3	38.0	27.7
Lease and well equipment.....	..do.....	2,771.4	2,670.2	1,949.7	677.1	43.4	26.2	38.4	36.6
Buildings, other structures, and machinery.....	..do.....	2,602.2	2,456.4	1,892.5	438.4	125.5	55.8	68.0	22.1

See footnotes at end of table.

Table 23B. Detailed Statistics Grouped by Legal Form of Organization: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by legal form of organization						
			Corporation				Individual proprietorship	Partnership	Other
			Total	Successful efforts	Full cost	Combined or other methods			
Depletion, depreciation, and amortization of fixed assets:									
Cost during 1979.....	Mil. dol....	8,873.5	8,499.6	6,867.7	1,519.7	112.1	108.6	157.7	107.6
Oil and gas properties.....	..do.....	8,680.3	8,320.7	6,730.4	1,489.6	100.6	102.5	152.0	105.2
Nonproducing properties.....	..do.....	1,789.9	1,763.6	1,418.9	333.0	11.7	6.7	11.5	8.2
Leaseholds.....	..do.....	1,594.6	1,573.9	1,394.1	174.0	5.9	6.1	9.7	4.8
Other pre-development accounts.....	..do.....	195.4	189.7	24.8	159.0	5.9	.6	1.8	3.4
Producing properties.....	..do.....	6,800.1	6,475.3	5,296.6	1,095.7	83.0	93.3	136.8	94.5
Leaseholds.....	..do.....	1,374.2	1,264.3	985.9	258.6	19.8	15.7	53.5	40.8
Intangible drilling and development accounts.....	..do.....	3,057.5	2,956.2	2,399.5	534.6	22.0	41.2	32.2	27.9
Lease and well equipment...	..do.....	2,368.4	2,254.8	1,911.2	302.5	41.2	36.5	51.2	25.9
Work-in-progress.....	..do.....	90.3	81.7	14.9	60.9	5.9	2.5	3.6	2.4
Intangible drilling and development accounts.....	..do.....	61.9	57.1	10.4	42.9	3.8	1.3	2.0	1.5
Lease and well equipment...	..do.....	28.4	24.6	4.6	18.0	2.0	1.3	1.6	1.0
Buildings, other structures, and machinery.....	..do.....	193.2	178.9	137.3	30.2	11.5	6.1	5.8	2.4
Accumulated cost, end of 1979....	..do.....	48,552.6	46,971.6	39,304.3	7,044.5	622.7	518.9	621.3	440.9
Oil and gas field properties.....	..do.....	47,628.2	46,106.1	38,622.7	6,913.1	570.4	495.5	596.1	430.6
Nonproducing properties.....	..do.....	4,812.1	4,714.2	3,516.5	1,148.9	48.7	26.3	35.8	35.8
Leaseholds.....	..do.....	4,024.2	3,951.5	3,438.5	483.8	29.2	19.2	28.6	24.9
Other pre-development accounts.....	..do.....	787.9	762.7	78.1	665.1	19.5	7.1	7.2	10.9
Producing properties.....	..do.....	42,536.1	41,149.5	35,059.8	5,594.4	495.3	456.7	542.3	387.7
Leaseholds.....	..do.....	7,925.8	7,612.1	6,223.6	1,255.3	133.3	57.3	136.1	120.4
Intangible drilling and development accounts.....	..do.....	18,874.9	18,427.5	15,521.2	2,792.0	114.2	175.7	133.9	137.9
Lease and well equipment...	..do.....	15,735.4	15,109.9	13,315.0	1,547.1	247.8	223.7	272.4	129.4
Work-in-progress.....	..do.....	280.0	242.5	46.4	169.8	26.3	12.5	17.9	7.2
Intangible drilling and development accounts.....	..do.....	188.6	171.1	34.0	119.9	17.3	5.0	7.6	4.8
Lease and well equipment...	..do.....	91.5	71.3	12.4	49.9	9.0	7.5	10.3	2.3
Buildings, other structures, and machinery.....	..do.....	924.4	865.4	681.6	131.4	52.4	23.5	25.2	10.3
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	2,565.2	2,341.5	1,681.0	586.8	73.7	89.8	82.0	51.9
Number of wells.....	Number.....	5,073	3,760	2,208	1,185	368	466	483	364
Total footage drilled.....	Thou. ft....	30,830	24,100	14,928	7,114	2,058	3,439	1,984	1,307
Exploration oil wells:									
Expenditures.....	Mil. dol....	714.0	605.6	452.1	124.8	28.7	34.9	53.7	19.8
Number of wells.....	Number.....	1,826	1,206	688	376	142	182	317	120
Total footage drilled.....	Thou. ft....	9,815	7,103	4,493	1,867	743	947	1,306	459
Exploration gas wells:									
Expenditures.....	Mil. dol....	1,459.1	1,349.1	885.2	410.2	53.8	40.3	39.5	30.2
Number of wells.....	Number.....	1,940	1,552	981	444	128	147	127	117
Total footage drilled.....	Thou. ft....	13,960	11,748	7,567	3,450	731	929	628	655
Development dry holes:									
Expenditures.....	Mil. dol....	875.8	812.6	443.2	254.2	115.2	26.1	25.2	12.0
Number of wells.....	Number.....	2,812	2,230	1,203	709	318	199	235	148
Total footage drilled.....	Thou. ft....	14,117	11,917	5,890	4,420	1,607	818	926	456
Development oil wells:									
Expenditures.....	Mil. dol....	2,630.2	2,372.0	1,882.4	371.4	118.2	91.1	137.9	29.2
Number of wells.....	Number.....	10,351	8,503	5,955	2,000	548	546	1,026	277
Total footage drilled.....	Thou. ft....	43,872	36,570	25,846	7,729	2,995	2,689	3,793	820
Development gas wells:									
Expenditures.....	Mil. dol....	3,378.6	3,256.9	2,132.7	946.1	178.1	42.8	56.8	22.1
Number of wells.....	Number.....	6,152	5,718	2,931	2,255	527	194	179	65
Total footage drilled.....	Thou. ft....	38,636	35,953	19,299	13,286	3,368	1,309	1,012	362
Expenditures for platforms.....	Mil. dol....	766.6	736.4	533.0	193.6	9.9	6.9	13.8	9.5
Drilling platforms <sup>2</sup> .....	..do.....	482.3	471.2	369.4	100.6	1.2	3.4	-	7.7
Production platforms <sup>3</sup> .....	..do.....	284.3	265.2	163.6	92.9	8.7	3.5	13.8	1.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

Table 24. Detailed Statistics Grouped by Operator-Ownership Specilization Ratios: 1979

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .199	.200 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 to .899	.900 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,455.5	89.8	38.8	260.8	263.0	860.7	449.0	171.6	321.8
From stripper well leases.....	..do.....	302.3	6.7	5.9	7.4	25.1	91.2	60.5	21.8	83.7
Lease condensate.....	..do.....	108.8	6.0	4.5	2.9	11.1	38.2	26.9	10.5	8.7
Natural gas.....	Bil. cu. ft.	14,786.5	569.4	369.0	275.1	1,566.7	5,737.6	3,447.3	1,489.9	1,331.6
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	48,430.8	2,121.4	1,192.5	3,336.8	5,148.6	17,323.9	9,015.9	4,009.4	6,282.4
Crude petroleum.....	..do.....	28,938.0	1,067.2	501.8	2,889.1	3,046.8	9,811.5	5,208.6	1,993.4	4,419.6
Lease condensate.....	..do.....	27,601.2	992.8	441.1	2,853.6	2,914.7	9,342.6	4,890.5	1,862.4	4,303.6
Natural gas.....	..do.....	1,336.8	74.4	60.7	35.6	132.1	468.9	318.1	131.0	116.0
Income from oil and gas royalties	..do.....	18,070.2	854.2	594.1	388.5	1,926.6	7,079.3	3,522.2	1,922.6	1,782.9
Other lease revenues from pro- ducing operations.....	..do.....	1,128.1	171.7	89.1	42.4	91.6	360.9	262.8	68.6	40.9
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	44,686.4	2,184.2	1,811.9	1,758.2	4,169.9	15,144.9	7,787.7	3,581.7	8,247.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,617.2	927.2	684.5	602.2	1,690.9	6,039.7	2,843.4	1,371.7	1,457.5
Dry holes.....	..do.....	5,619.2	456.4	362.7	160.9	564.7	1,939.4	1,025.4	534.3	575.4
Oil wells.....	..do.....	2,565.2	186.7	167.2	74.5	319.7	917.3	380.5	254.7	264.7
Gas wells.....	..do.....	714.0	50.3	26.0	35.6	70.8	207.1	169.2	51.2	103.6
Work-in-progress adjustment..	..do.....	1,459.1	124.8	111.4	45.2	100.5	531.8	252.0	144.0	149.3
Lease and land acquisitions of nonproducing acreage.....	..do.....	881.0	94.6	58.1	5.6	73.7	283.1	223.7	84.4	57.8
Land department leasing and scouting.....	..do.....	7,036.5	252.4	227.9	367.0	674.3	3,058.4	1,290.6	591.0	574.9
Geological and geophysical.....	..do.....	223.5	7.8	3.8	4.5	21.7	110.1	29.3	30.4	15.8
Lease rents.....	..do.....	1,218.2	65.6	22.7	29.1	146.1	446.7	268.6	102.9	136.5
Test hole contributions.....	..do.....	311.6	28.2	17.7	7.8	34.4	102.4	55.2	38.9	29.1
Other exploration expenditures, including direct overhead.....	..do.....	23.0				.5	10.4	5.0	2.4	2.9
General and administrative overhead, not reported elsewhere.....	..do.....	523.5	54.5	21.1	18.4	51.8	203.7	115.8	26.4	31.7
Development expenditures.....	..do.....	661.7	62.4	28.6	14.5	197.4	168.7	53.4	45.5	91.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	17,303.6	847.0	837.2	470.4	1,243.1	4,903.9	2,428.7	1,347.0	5,331.9
Dry holes.....	..do.....	7,972.5	469.3	466.1	313.3	750.3	2,636.4	1,396.1	1,941.0	
Oil wells.....	..do.....	875.8	65.7	117.0	22.9	56.0	206.6	129.3	278.3	
Gas wells.....	..do.....	2,630.2	141.7	95.4	133.9	235.8	859.1	454.0	710.5	
Work-in-progress adjustment..	..do.....	3,378.6	228.8	205.1	81.2	259.4	1,306.6	502.4	795.0	
Lease equipment <sup>3</sup> .....	..do.....	1,087.9	33.2	48.6	75.3	199.1	264.1	310.4	157.1	
Lease and land acquisitions of producing acreage.....	..do.....	2,146.0	116.5	111.3	76.0	217.3	772.8		852.2	
Fluid injection and improved recovery programs.....	..do.....	5,511.3	152.7	203.0	55.2	83.3	935.2		4,081.9	
Other development expenditures, including direct overhead.....	..do.....	528.3	28.4	3.7	6.0	35.5	242.1		212.5	
General and administrative overhead, not reported elsewhere.....	..do.....	544.3	54.3	19.3	5.7	30.9	108.3		325.7	
Production expenditures.....	..do.....	601.2	25.8	33.8	14.3	125.9	209.0		192.5	
Direct operating expenditures..	..do.....	11,765.6	410.0	290.1	685.6	1,235.8	4,201.3	2,515.6	868.1	1,559.1
Operating and maintenance.....	..do.....	7,295.3	253.8	188.9	271.2	640.0	2,531.3	1,726.6	560.8	1,122.8
Well workovers.....	..do.....	5,754.7	210.8	152.4	217.3	486.7	2,053.0	1,375.4	451.6	807.5
Other direct expenses.....	..do.....	1,001.1	37.0	28.7		317.8	259.5	85.1	195.2	
Indirect operating expenditures	..do.....	539.7	5.9	7.8	53.9	153.3	160.5	91.7	24.1	120.2
Taxes (excluding income taxes).....	..do.....	4,470.3	156.2	101.2	414.4	595.8	1,670.0	789.0	307.3	436.3
General and administrative overhead.....	..do.....	2,750.4	89.9			357.3	1,019.4	496.9	190.2	200.3
Other indirect expenses.....	..do.....	1,181.3	62.3	101.2	414.4	191.1	321.0	275.3	89.6	173.1
	..do.....	538.6	4.0			47.5	329.7	16.8	27.4	62.9

See footnotes at end of table.

Table 24. Detailed Statistics Grouped by Operator-Ownership Specialization Ratios: 1979—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .199	.200 to .399	.400 to .499	.500 to .599	.600 to .699	.700 to .799	.800 to .899	.900 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mill. dol....	2,565.2	186.7	167.2	74.5	319.7	917.3	380.5	254.7	264.7
Number of wells.....	Number.....	5,073	748	376	226	374	899	499	476	1,476
Total footage drilled.....	Thou. ft....	30,830	3,532	3,210	1,421	2,767	7,411	3,583	2,841	6,065
Exploration oil wells:										
Expenditures.....	Mill. dol....	714.0	50.3	26.0	35.6	70.8	207.1	169.2	51.2	103.6
Number of wells.....	Number.....	1,826	205	61	89	181	296	257	159	578
Total footage drilled.....	Thou. ft....	9,815	866	464	628	941	2,181	1,729	940	2,066
Exploration gas wells:										
Expenditures.....	Mill. dol....	1,459.1	124.8	111.4	45.2	100.5	531.8	252.0	144.0	149.3
Number of wells.....	Number.....	1,940	232	99	131	111	463	194	143	567
Total footage drilled.....	Thou. ft....	13,960	1,412	886	846	930	3,738	1,870	1,141	3,137
Development dry holes:										
Expenditures.....	Mill. dol....	875.8	65.7	117.0	22.9	56.0	206.6	129.3		278.3
Number of wells.....	Number.....	2,812	260	202	96	156	503	205		1,389
Total footage drilled.....	Thou. ft....	14,117	1,171	1,430	510	961	3,145	1,394		5,506
Development oil wells:										
Expenditures.....	Mill. dol....	2,630.2	141.7	95.4	133.9	235.8	859.1	454.0		710.5
Number of wells.....	Number.....	10,351	623	298	330	1,134	3,008	1,468		3,490
Total footage drilled.....	Thou. ft....	43,872	2,653	1,827	1,556	4,508	12,628	6,735		13,965
Development gas wells:										
Expenditures.....	Mill. dol....	3,378.6	228.8	205.1	81.2	259.4	1,306.6	502.4		795.0
Number of wells.....	Number.....	6,152	529	426	161	559	1,599	595		2,283
Total footage drilled.....	Thou. ft....	38,636	3,223	3,473	940	3,473	10,715	4,319		12,493
Expenditures for platforms.....	Mill. dol....	766.6	71.7	47.9	16.1	60.6	245.5	174.3		150.6
Drilling platforms <sup>2</sup> .....	..do.....	482.3	20.2	20.4	16.1	60.6	181.3	139.0		81.0
Production platforms <sup>3</sup> .....	..do.....	284.3	51.5	27.5			64.2	35.3		69.6
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	106,587.3	5,237.5	3,125.3	4,671.3	11,765.3	36,418.0	24,946.3	9,111.3	11,312.3
Buildings, other structures, and machinery.....	..do.....	104,445.8	5,190.8	3,051.7	4,507.9	11,458.6	35,894.2	24,587.8	8,916.2	10,838.5
Capitalized expenditures.....	..do.....	2,141.5	46.7	73.6	163.4	306.6	523.8	358.4	195.1	473.9
Oil and gas field properties.....	..do.....	27,332.6	1,302.1	1,070.5	912.3	2,187.2	9,318.7	4,424.6	2,340.6	5,776.6
Buildings, other structures, and machinery.....	..do.....	26,642.9	1,296.4	1,032.2	856.8	2,106.5	9,206.4	4,173.6	2,297.9	5,673.2
Retirement and dispositions.....	..do.....	689.7	5.7	38.4	55.5	80.7	112.3	251.0	42.7	103.4
Oil and gas field properties.....	..do.....	6,106.2	368.2	118.4	134.6	1,033.5	1,828.7	1,268.2	753.7	600.9
Buildings, other structures, and machinery.....	..do.....	5,877.2	366.0	113.9	122.3	999.3	1,796.2	1,172.8	736.9	569.8
Gross book value of fixed assets (end of year).....	..do.....	228.9	2.2	4.5	12.3	34.2	32.5	95.4	16.7	31.1
Oil and gas field properties.....	..do.....	127,813.7	6,171.5	4,077.4	5,449.0	12,919.0	43,908.0	28,102.6	10,698.3	16,488.0
Buildings, other structures, and machinery.....	..do.....	125,211.5	6,121.2	3,970.0	5,242.3	12,565.9	43,304.4	27,588.6	10,477.3	15,941.8
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	2,602.2	50.3	107.4	206.6	353.2	603.6	514.0	221.0	546.2
Oil and gas field properties.....	..do.....	8,873.5	533.7	299.1	425.8	1,030.5	3,057.6	2,248.7	726.8	551.2
Buildings, other structures, and machinery.....	..do.....	8,680.3	528.6	289.2	412.5	1,000.5	3,003.1	2,210.8	714.1	521.6
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	193.2	5.1	9.9	13.3	30.0	54.5	37.9	12.8	29.6
Oil and gas field properties.....	..do.....	48,552.6	2,069.8	1,139.3	1,703.3	5,428.6	18,694.4	12,738.1	4,487.4	2,291.7
Buildings, other structures, and machinery.....	..do.....	47,628.2	2,050.6	1,107.0	1,617.3	5,322.2	18,422.4	12,564.7	4,405.2	2,138.9
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	924.4	19.3	32.3	86.0	106.4	272.0	173.3	82.1	152.8

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

# Appendix A. MA-13K Form and Instructions

A-1

PENALTY FOR FAILURE TO REPORT

DUE DATE:

Form Approved: O.M.B. No. 41-R2797

Form MA-13K  
(1-17-80)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

**1979 ANNUAL SURVEY  
OF OIL AND GAS**

Please complete and return  
this form as soon as possible  
after receipt to

**BUREAU OF THE CENSUS**  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

**NOTE** - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.

If book figures are not available, carefully prepared estimates are acceptable. Complete every item.

If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.

**NOTICE** - Response to this inquiry is required by law (title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report please refer to this Census File Number

**PLEASE RETURN THIS COPY**

Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.

## GENERAL INSTRUCTIONS

### ► PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ► WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during the year is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during the year is required to submit data for column (m).

#### ► WHAT ACTIVITIES SHOULD BE REPORTED?

This report should include production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ► WHAT PERIOD SHOULD REPORT COVER?

This report should cover the calendar year. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ► HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquids plants.

#### ► HOW SHOULD DATA BE ROUNDED?

All data entries except employment and net company interest well counts should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ► HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

► **1. By Geographic Area** - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

► **2. By Lease Classification** - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

► **3. By Operator** - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ► HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

**Bureau of the Census**  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State, and ZIP code)		Telephone	
				Area code	Number
	This report is substantially accurate and covers the period from _____ to _____				
	Name of company	Address (Number and street, city, State, and ZIP code)			
	Signature of authorized person	Title	Date		

1979 ANNUAL SURVEY OF OIL AND GAS																				
Line number	Item	Unit of measure	NET COMPANY INTEREST BASIS														OPERATOR		GROSS OPERATOR BASIS	
			GEOGRAPHICAL AREA				LEASE CLASSIFICATION													
			Alaska		Lower 48		Onshore (f)	Offshore (g)	Oil leases (h)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)	TOTAL OPERATOR ACCOUNT (m)	Line number					
			Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)														
1	I. SALES VOLUMES	Thousands of barrels	01016	01017	01018	01019	01020	01021	01022	01023	01024	01025	01026	01027	01028	01029	01030	01031	01032	01033
2	A. Total crude petroleum and condensate	Thousands of barrels	02014	02015	02016	02017	02018	02019	02020	02021	02022	02023	02024	02025	02026	02027	02028	02029	02030	02031
3	1. From stripper well leases (included in line 1)	Thousands of barrels	03012	03013	03014	03015	03016	03017	03018	03019	03020	03021	03022	03023	03024	03025	03026	03027	03028	03029
4	2. Lease condensate (included in line 1)	Thousands of barrels	04010	04011	04012	04013	04014	04015	04016	04017	04018	04019	04020	04021	04022	04023	04024	04025	04026	04027
5	B. Natural gas	Million cubic feet	05017	05018	05019	05020	05021	05022	05023	05024	05025	05026	05027	05028	05029	05030	05031	05032	05033	05034
6	II. TOTAL LEASE REVENUES	Thousands of dollars	06015	06016	06017	06018	06019	06020	06021	06022	06023	06024	06025	06026	06027	06028	06029	06030	06031	06032
7	A. Total crude petroleum and condensate	Thousands of dollars	07013	07014	07015	07016	07017	07018	07019	07020	07021	07022	07023	07024	07025	07026	07027	07028	07029	07030
8	1. Crude petroleum	Thousands of dollars	08011	08012	08013	08014	08015	08016	08017	08018	08019	08020	08021	08022	08023	08024	08025	08026	08027	08028
9	2. Lease condensate	Thousands of dollars	09019	09020	09021	09022	09023	09024	09025	09026	09027	09028	09029	09030	09031	09032	09033	09034	09035	09036
10	B. Natural gas	Thousands of dollars	10017	10018	10019	10020	10021	10022	10023	10024	10025	10026	10027	10028	10029	10030	10031	10032	10033	10034
11	C. received from oil and gas royalties	Thousands of dollars	11015	11016	11017	11018	11019	11020	11021	11022	11023	11024	11025	11026	11027	11028	11029	11030	11031	11032
12	D. Other lease revenues from producing operations	Thousands of dollars	12013	12014	12015	12016	12017	12018	12019	12020	12021	12022	12023	12024	12025	12026	12027	12028	12029	12030
13	III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)	Thousands of dollars	13011	13012	13013	13014	13015	13016	13017	13018	13019	13020	13021	13022	13023	13024	13025	13026	13027	13028
14	A. Total exploration expenditures	Thousands of dollars	14019	14020	14021	14022	14023	14024	14025	14026	14027	14028	14029	14030	14031	14032	14033	14034	14035	14036
15	1. Total drilling and equipping wells	Thousands of dollars	15016	15017	15018	15019	15020	15021	15022	15023	15024	15025	15026	15027	15028	15029	15030	15031	15032	15033
16	a. Dry holes	Thousands of dollars	16014	16015	16016	16017	16018	16019	16020	16021	16022	16023	16024	16025	16026	16027	16028	16029	16030	16031
17	b. Oil wells	Thousands of dollars	17012	17013	17014	17015	17016	17017	17018	17019	17020	17021	17022	17023	17024	17025	17026	17027	17028	17029
18	c. Gas wells	Thousands of dollars	18010	18011	18012	18013	18014	18015	18016	18017	18018	18019	18020	18021	18022	18023	18024	18025	18026	18027
19	d. Work-in-progress adjustment	Thousands of dollars	19018	19019	19020	19021	19022	19023	19024	19025	19026	19027	19028	19029	19030	19031	19032	19033	19034	19035
20	2. Lease and land acquisitions of nonproducing acreage	Thousands of dollars	20016	20017	20018	20019	20020	20021	20022	20023	20024	20025	20026	20027	20028	20029	20030	20031	20032	20033
21	3. Land department, leasing, and scouting	Thousands of dollars	21014	21015	21016	21017	21018	21019	21020	21021	21022	21023	21024	21025	21026	21027	21028	21029	21030	21031
22	4. Geological and geophysical	Thousands of dollars	22014	22015	22016	22017	22018	22019	22020	22021	22022	22023	22024	22025	22026	22027	22028	22029	22030	22031

22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
5. Lease wells																								
6. Test hole contributions																								
7. Other exploration expenditures, including direct overhead																								
8. General and administrative overhead not reported elsewhere																								
B. Total development expenditures																								
1. Total drilling and equipping wells																								
a. Dry holes																								
b. Oil wells																								
c. Gas wells																								
d. Work-in-progress adjustment																								
2. Lease equipment																								
3. Lease and land acquisitions of producing acreage																								
4. Fluid injection and improved recovery programs																								
5. Other development expenditures, including direct overhead																								
6. General and administrative overhead not reported elsewhere																								
C. Total production expenditures																								
1. Total direct operating expenditures																								
a. Operating and maintenance																								
b. Well workovers																								
c. Other direct expenses																								
2. Total indirect operating expenditures																								
a. Taxes (excluding income taxes)																								
b. General and administrative overhead																								
c. Other indirect expenses																								
IV. TOTAL NUMBER EMPLOYED (For the pay period including March 12)																								

PLEASE COMPLETE LINES 47 THROUGH 74 ON PAGE 3 AND CERTIFICATION ON PAGE 1

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Page 3

NET COMPANY INTEREST BASIS													
Item  (Thousands dollars)	Gross book value of fixed assets at the end of the year												
	Geographic area												
	LOWER 48												
	ALASKA		Offshore		Onshore		Offshore		Onshore		Offshore		Charges during the year (k)
(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)		
V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS	47015	47027	47035	(e)	(f)	47050	47066	47076	47084	47092	47100	47116	47
A. Total oil and gas field properties	48017	48025	48033			48058	48066	48074	48082	48090	48108	48116	48
1. Nonproducing properties	49015	49023	49031	49049	49056	49064	49064	49072	49080	49088	49106	49114	49
a. Leaseholds	50013	50021	50039	50047	50054	50062	50062	50070	50078	50086	50104	50112	50
b. Other pre-development accounts	51011	51019	51027	51045	51052	51060	51060	51078	51086	51094	51102	51110	51
2. Producing properties	52019	52027	52035	52043	52050	52058	52068	52076	52084	52092	52100	52118	52
a. Leaseholds*	53017	53025	53033	53041	53048	53056	53066	53074	53082	53090	53108	53116	53
b. Intangible drilling and development accounts	54015	54023	54031	54049	54056	54064	54064	54072	54080	54088	54106	54114	54
c. Lease and well equipment	55013	55021	55039	55046	55053	55061	55061	55079	55087	55095	55103	55111	55
3. Work-in-progress	56010	56018	56026	56044	56051	56059	56069	56077	56085	56093	56101	56119	56
a. Intangible drilling and development accounts	57018	57026	57034	57042	57059	57067	57067	57075	57083	57091	57109	57117	57
b. Lease and well equipment	58016	58024	58032	58040	58057	58065	58065	58073	58081	58089	58107	58115	58
B. Buildings, other structures, and machinery	59014	59022	59030		59055	59063	59063	59071	59079	59087	59105	59113	59
VIII. METHOD OF ACCOUNTING (Mark one) 1 <input type="checkbox"/> Successful efforts 2 <input type="checkbox"/> Full cost 3 <input type="checkbox"/> Other - Describe													
Remarks													

## VIII. METHOD OF ACCOUNTING

- (thousand dollars)
- 1 ☐ Successful efforts
- 2 ☐ Full cost
- 3 ☐ Other - Describe



MA-13K(1)  
(11-19-80)

1979 ANNUAL SURVEY OF OIL AND GAS

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

## INSTRUCTIONS FOR COMPLETING FORM MA-13K

## ▶ I. SALES VOLUMES

▶ **Line 1 — Total crude petroleum and condensate** — Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (l), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

▶ **Line 2 — From stripper well leases (included in line 1)** — Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

▶ **Line 3 — Lease condensate (included in line 1)** — Report the lease condensate sales volume included in total crude petroleum and condensate.

▶ **Line 4 — Natural gas** — Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (l), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

## ▶ II. TOTAL LEASE REVENUES

▶ **Line 5 — Total lease revenues** — Report the totals of lines 6, 9, 10, and 11.

▶ **Line 6, 7, and 8 — Crude petroleum and condensate** — Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (l), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

▶ **Line 9 — Natural gas** — Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (l), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and nonoperating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

▶ **Line 10 — Income received from oil and gas royalties** — Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

▶ **Line 11 — Other lease revenue from producing operations** — Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for other, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

## ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

▶ **Line 12 — Total expenditures (Capitalized and expensed)** — Report on this line the totals of lines 13, 26, and 37. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 29 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 36, and 44, depreciation may be charged for office buildings, etc., where the total cash expenditures for such facilities are not reported elsewhere.

▶ **Line 13 — Total exploration expenditures** — Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

▶ **Line 14 — Total drillings and equipping wells** — Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

NOTE: For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

▶ **Line 15 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total costs for drilling and equipping exploratory dry holes on properties which you operated. Include non-operator costs.

▶ **Instructions for lines 16 and 17 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms; and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (l), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total costs for drilling and equipping successful exploratory wells on properties which you operated. Include non-operator costs.

## ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

▶ **Line 16 — Oil wells** — Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

▶ **Line 17 — Gas wells** — Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

▶ **Line 18 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

▶ **Line 19 — Lease and land acquisition of non-producing acreage** — In columns (c) through (g), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

▶ **Line 20 — Land department, leasing, and scouting** — In columns (c) through (g), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing, and rentals which should be reported on lines 19 or 22.

▶ **Line 21 — Geological and geophysical** — In columns (c) through (g), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

▶ **Line 22 — Lease rents** — In columns (c) through (g), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures, which should be reported on line 20, and advance rentals which are actually in the nature of a bonus, which should be reported on line 19.

▶ **Line 23 — Test hole contributions** — Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

▶ **Line 24 — Other exploration expenditures, including direct overhead** — Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

▶ **Line 25 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and research and development (R&D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

▶ **Line 26 — Total development expenditures** — In column (c), report the totals of lines 27, 32, 33, 34, 35, and 36.

▶ **Line 27 — Total drilling and equipping wells** — Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 40. Enter in "remarks" estimates for the number of wells, additional footages, and cost for old wells drilled deeper and redrilled wells. Also exclude expenditures for service wells which are to be reported on line 34 or 35. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE: For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

▶ **Line 28 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (l), report the net Company interest in all expenditures for drilling development dry holes.

In column (m), report the total costs for drilling and equipping development dry holes on properties which you operated. Include non-operator costs.

▶ **Instructions for lines 29 and 30 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms; and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (l), report the net Company interest in all expenditures for drilling successful development wells.

In column (m), report the total costs for drilling and equipping successful development wells on properties which you operated. Include non-operator costs.

▶ **Line 29 — Oil wells** — Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

▶ **Line 30 — Gas wells** — Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

▶ **Line 31 — Work in progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE: Data for lines 32, 33, 34, and 35 are to be combined for reporting in columns (k) and (l).

Continue on reverse side

### III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

- **Line 32 — Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater-treaters, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.
- **Line 33 — Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations. Do not include acreage originally acquired as nonproducing acreage which has been transferred to producing acreage when production was obtained.
- **Line 34 — Fluid injection and improved recovery programs** — Include gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells, or other wells required for primary production operations. This is a component of other development expenditures, including direct overhead, line 35.
- **Line 35 — Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines 27, 32, 33, or 34 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for capital equipment constructed or purchased. Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.
- **Line 36 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 35. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes. General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.
- **Line 37 — Total production expenditures** — Report on this line the totals of lines 38, and 42. Do not include expenditures applicable to gas processing plants or gas systems.
- **Line 38 — Total direct operating expenditures** — Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (i) report the totals of lines 39, 40, and 41.
- **Line 39 — Operating and maintenance** — Report the net Company interest in normally direct operating expenses such as wages and transportation for field personnel directly associated with oil and gas production, materials and supplies consumed, and field office expenses: as well as surface repair and maintenance on lease equipment. Also report all other operating and maintenance expenses except work-over expense which is reported on line 40.
- **Line 40 — Well workovers** — Report the net Company interest in all expenditures directly related to well workovers including expensed material, contract labor, etc.
- **Line 41 — Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines 39 and 40. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)
- **Line 42 — Total indirect operating expenses** — Report on this line the totals on lines 43, 44, and 45.
- **Line 43 — Taxes (excluding income taxes)** — Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 35.
- **Line 44 — General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 36. General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.
- **Line 45 — Other indirect expenses** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 43 and 44. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

### IV. TOTAL EMPLOYMENT

- **Line 46 — Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during these pay periods, exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are: storage warehouses, garages, repair shops, research, development, and testing laboratories.

### V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS

- **Column (b) and columns (i) through (j) — Total gross book value of fixed assets** — Enter the acquisition cost of the fixed assets on the books of this company. Report your own net company interest value before depreciation, depletion, and amortization of all oil and gas field assets, whether operated or non-operated, excluding the value of any assets belonging to others. In column (b), report the beginning of the year figures and in columns (i) through (j) report the end of the year figures.

If leases were acquired during the year, the value at the end of the year, columns (i) to (j), should represent your purchase cost adjusted for capital expenditures, column (e), and dispositions, column (f), since the time of purchase.

Include used assets purchased during the year at their market value at the time of acquisition rather than at the prior owner's book value.

- **Column (c) — Capital expenditures during the year** — Report the actual capital outlays during 1979, not the final value of expenditures put in place during the year. Capital expenditures during 1979 may be determined by the following computation: (a) the cost

### V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS — Continued

- **Column (c) — Capital expenditures during the year** — Continued

of additions completed during the year, plus (b) work-in-progress at the end of the year, minus (c) work-in-progress at the beginning of the year. Include labor and installation costs whether on contract or by your own labor forces. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained.

Do not include the cost of maintenance and repairs charged as current operating expenses. Report replacements as well as additions to capacity for new depreciable assets. Report the value of improvements and capitalized repairs to machinery and equipment. Report expenditures for old or existing facilities and for secondhand equipment acquired from others (including the U.S. Government). Include the value of assets such as producing leases acquired from other operating companies during the year at your company's purchase cost. This column should exclude that portion of item (f) charged to current accounts during the year.

- **Column (e) — Asset reclassification adjustment** — Report the net adjustments in asset values necessary to balance beginning of the year to end of the year data for lines 49 to 58 when assets shift from nonproducing or work-in-progress categories. For example, adjustments are necessary to balance lines 50 and 53 when a leasehold changes from a nonproducing to a producing property from column (b) to column (i). Entries to work-in-progress categories may be negative or positive.

- **Column (k) — Depreciation, depletion, and amortization charges during the year** — Report the reduction in value of depreciable, depletable, or amortizable assets reported in column (i) brought about through use, gradual obsolescence, the effects of the elements (decay or corrosion), oil or gas extraction, etc. Include charges against assets acquired or completed during the year (generally for oil and gas field properties in the production phase of operation). Report cost of depletion as an allocation of wasting investment rather than percentage or statutory depletion used for Federal income tax purposes.

- **Column (l) — Accumulated depreciation, depletion, and amortization** — Report the balance of accumulated charges for depreciation, depletion, and amortization of assets carried on your bookkeeping records at the end of the year. This amount subtracted from column (i) should compute net fixed assets at the end of the year for lines 47 through 59.

#### Instructions for lines 47 through 69

In lines 47 through 59, column (b) plus column (c) minus column (d) plus column (e) should equal column (f).

Companies using the full cost method of accounting that do not maintain separate accounts for nonproducing, producing, and work-in-progress categories should make reasonable estimates of these breakdowns.

- **Line 47 — Total fixed assets and other related accounts** — Report your own net company interest in columns (b) through (i), whether operated or nonoperated. Report on this line the sum of lines 48 and 53.

- **Line 48 — Total oil and gas properties** — Report on this line the sum of lines 49, 52, and 56.

- **Line 49 — Nonproducing properties** — Report on this line the sum of lines 50 and 51.

- **Line 50 — Leaseholds** — Report the values of leases for undeveloped acreage and land held for exploration purposes. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands. Include the value of leaseholds for nonproducing properties where work is in progress.

- **Line 51 — Other pre-development accounts** — Report all other capitalized values including geological and geophysical expenditures, land department cost, etc., relating to undeveloped acreage. Companies using the full cost accounting method should include capitalized dry hole values for unproven leases.

- **Line 52 — Producing properties** — Report the values of properties which are producing, including shut-in leases. Report on this line the sum of lines 53, 54, and 55.

- **Line 53 — Leaseholds** — Report values of leases and land for producing acreage. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands.

- **Line 54 — Intangible drilling and development accounts** — Report values from capitalized intangible drilling and development accounts. Include wages, fuel, repairs, hauling, and supplies, incident to and necessary for the drilling of wells and the preparation of wells for production of oil and gas. Costs of drilling or development work done by contractors are also intangible drilling and development costs.

- **Line 55 — Lease and well equipment** — Report values for tangible well equipment such as casing, tubing, wellhead fittings, etc., and lease equipment such as flow tanks, field separators, heater-treaters, and related field facilities. Include drilling and production platforms. Exclude mobile drilling rigs, transportation equipment, and field service equipment which should be reported on line 59. Values for items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines, lease gas gathering lines not part of gasoline or cycling plants, etc. should be included.

- **Line 56 — Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year end. Report on this line the sum of lines 57 and 58.

For new construction on other improvement projects in progress but not yet completed, include in the value of fixed assets the cumulative capital expenditures for such projects already in place at the beginning and end of the year, respectively. These accounts are not usually carried in depreciation, depletion, and amortization categories. Exclude the value of nonproducing leaseholds which should be reported on line 50.

- **Line 57 — Intangible drilling and development accounts** — Report the value of work-in-progress accounts for capitalized intangible drilling and development operations. Also see line 54 instructions.

- **Line 58 — Lease and well equipment** — Report values for tangible lease and well equipment for leases where work is in progress but wells and other lease facilities are not yet completed for production.

- **Line 59 — Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line 48. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Include a pro rata share of the value of centralized computer facilities used to monitor and control production, to optimize drilling rates or drilling mud mixtures, etc. Exclude non-field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

### VI. DRILLING, PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR

For lines 60 through 71, columns (c) through (g), report the number of gas wells, oil wells and dry holes completed during the report year and the respective footage drilled on the basis of your net company interest in the wells. For example, if your company's share in the cost of drilling and equipping a well is on a 50 percent working interest basis and the well is drilled to total depth of 10 thousand feet, measured along the well bore, your company should report 0.5 well and 5 thousand feet of related footage drilled. The sum of your fractional interest for the number of wells should be rounded to the nearest tenth, i.e., 10.7 wells. For column (h), report the gross number of wells and footage drilled for which you were the operator. For reasonableness checks, the number of wells and footage drilled data should be related to the expenditures reported under columns (c) through (g) and (m) for lines 15, 16, 17, 28, 29, and 30, e.g., calculate average cost per foot and per well. Also compute average depth per well.

### VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS

Report total expenditures during the year for drilling and production platforms, whether such platforms were located on inland waters or offshore. Drilling platform expenditures should be included in expenditures for drilling and equipping exploratory and development wells under lines 14 through 18 and lines 27 through 31. Expenditures for production platforms should be included under line 32. However, expenditures for drilling platforms and production platforms also should be reported under lines 72, 73, and 74.

IMPORTANT  
NOTE

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170.

## Appendix B. Description of Survey Sample

For gross operator basis statistics, the 1979 Annual Survey of Oil and Gas used two samples. A listing from the 1977 Census of Mineral Industries, which arrayed companies in ascending order of total value of crude petroleum and natural gas shipments, was the universe from which the primary sample for the 1979 Annual Survey of Oil and Gas was selected. The primary universe consisted of those companies classed as operators of crude petroleum and natural gas fields (companies primarily engaged in exploration, development, and production activities of crude petroleum and natural gas fields for their own account) as well as oil and gas field service companies which shipped crude petroleum or natural gas as a secondary activity. The companies selected for the primary sample accounted for 3 percent (uninflated) of the total value of crude petroleum and natural gas shipped in 1977. For the 1979 Annual Survey of Oil and Gas, a supplemental sample was selected from a universe of companies that were in the 1978 American Association of Petroleum Geologists/American Petroleum Institute well-ticket universe but were not part of the 1977 Census of Mineral Industries universe for the primary sample. The supplemental sample was selected to obtain representative data for companies that did not have a chance of being selected in the primary sample. Many of these companies were not in scope of the 1977 Census of Mineral Industries by definition; e.g., they did not have paid employees or may have been inactive during the census year. Companies that are smaller than mailout size for the various economics releases also could have been engaged in oil and gas field operations but had been exempted from Census reporting by Congressional mandate in order to reduce the respondent burden of small businesses. For net company interest basis statistics, the primary sample is the sole source of data. The primary sample was augmented by the addition of about 40 companies with large nonoperating working interest identified in trade literature or in special coverage questionnaires sent to companies whose 1973 data indicated that they had sizable operations for the account of others.

As part of the primary sample selection, a certainty universe was first defined based upon three variables, namely the sum of crude petroleum and natural gas sales, drilling costs, and footage. Any company whose value for at least one of these variables exceeded designated cut-off limits was automatically included in the sample panel. For the remaining companies, a random sample was selected with probability proportionate to assigned measure of size (PPS). Measure of size was defined to be the sum total of crude petroleum and natural gas sales. Similarly, for the supplemental universe, a certainty stratum was

defined based upon a cut-off value for total depth. All companies whose value exceeded the cut-off were included in the sample with certainty. For the remaining companies of this universe, a random sample was drawn with probabilities proportionate to total depth.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate company weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.
2. Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.
3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for statistics comprising the basic tabulations. Based on independent PPS sampling, the variance ( $\sigma_{x'}^2$ ) estimator used was

$$\sigma_{x'}^2 = \sum_h W_h (W_h - 1) X_h^2,$$

where

$W_h$  =  $h$ th company weight,

$X_h$  = unweighted value for the  $h$ th company.

Relative standard errors ( $V_{x'}$ ) were then obtained by the formula

$$V_{x'} = \frac{\sigma_{x'}}{X'},$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.



## Appendix C. Qualifications of the Data

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a number of key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency.

Estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the reported data and slightly more than 1 percent of the reported totals shown in this report.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of the estimate divided by the value of the estimate itself) may be used

to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimates for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

Table C-1 contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 includes the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

Table C-1. Selected Statistics and Relative Standard Error Estimates: 1979

Item	Unit of measure	Reporting basis			
		Gross operator			Net company interest
		Total	Primary sample	Supplemental sample	
Crude petroleum and condensate . . . . .	Mil. dol . . . . .	36,900.3	35,949.9	950.4	28,938.0
Natural gas . . . . .	. . . .do . . . .	24,940.0	24,285.3	654.7	18,070.2
Assets (end of year) . . . . .	. . . .do . . . .	(X)	(X)	(X)	127,813.7
Drilling expenditures:					
Exploration dry holes . . . . .	. . . .do . . . .	3,661.1	3,256.9	404.2	2,565.2
Exploration oil wells . . . . .	. . . .do . . . .	1,106.4	911.5	194.9	714.0
Exploration gas wells . . . . .	. . . .do . . . .	2,252.0	2,010.2	241.8	1,459.1
Development dry holes . . . . .	. . . .do . . . .	1,273.6	1,032.3	241.3	875.8
Development oil wells . . . . .	. . . .do . . . .	3,679.3	3,074.5	604.8	2,630.2
Development gas wells . . . . .	. . . .do . . . .	4,671.9	4,130.1	541.8	3,378.6
Relative standard error estimates for:					
Crude petroleum and condensate . . . . .	Percent . . . . .	1	1	8	1
Natural gas . . . . .	. . . .do . . . .	2	2	9	1
Assets (end of year) . . . . .	. . . .do . . . .	(X)	(X)	(X)	1
Drilling expenditures:					
Exploration dry holes . . . . .	. . . .do . . . .	3	3	10	2
Exploration oil wells . . . . .	. . . .do . . . .	5	5	10	4
Exploration gas wells . . . . .	. . . .do . . . .	6	6	17	3
Development dry holes . . . . .	. . . .do . . . .	5	5	8	9
Development oil wells . . . . .	. . . .do . . . .	4	4	8	3
Development gas wells . . . . .	. . . .do . . . .	3	4	11	3

(X) Not applicable.

## Appendix D. Data Items Used for Computing Ratios for Disaggregative Tables

(See appendix A for copy of report form and instructions)

Table number	Numerator line number(s) and column(s) on report form and instructions	Denominator line number(s) and column(s) on report form and instructions
<sup>1</sup> 8	6c	1c
9	9c	4c
10	5c - (37c + 47k)	47f - 47l
11	12c	5c
12	13c	12c
13	26c	12c
14	37c	12c
15	6h + 9h	6c + 9c
16	6i + 9i	6c + 9c
18	14c + 27c	13c + 26c
19	15c + 28c	14c + 27c
20	14c	12c
22	2f	1f
24	5k	5k + 5l

<sup>1</sup> The crude petroleum unit values used to disaggregate company data were obtained by dividing the crude petroleum and condensate revenue reported in line 6, column c by the quantity of crude petroleum and condensate reported in line 1, column c for each company. Ratios for other tables were derived in a similar manner.





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MA-13K (79)-1 Annual Survey of Oil and Gas, 1979 Current Industrial Reports

# Current Industrial Reports

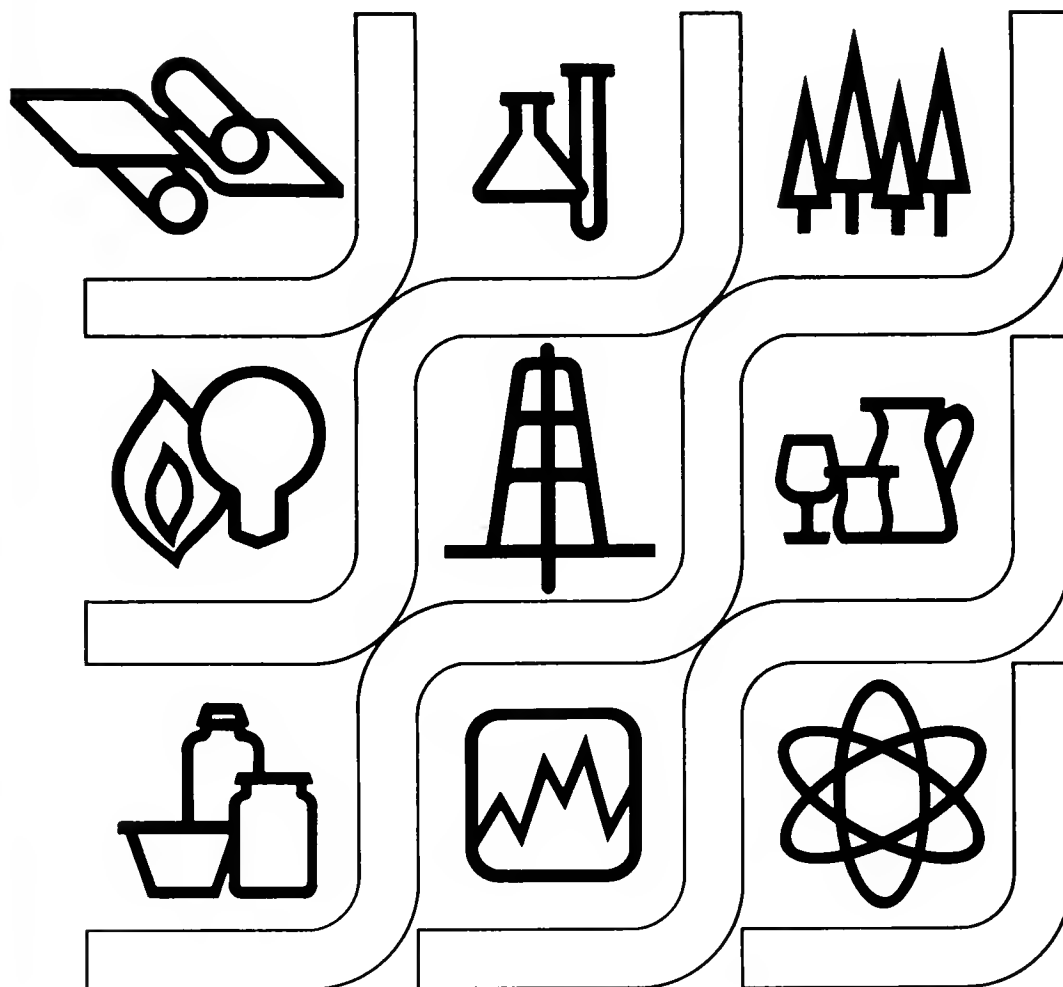
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## Annual Survey of Oil and Gas, 1980

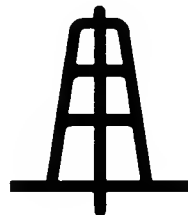
MA-13K(80)-1





# **Current Industrial Reports**

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Issued March 1982

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## **Annual Survey of Oil and Gas, 1980 MA-13K(80)-1**



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Malcolm Baldrige, Secretary  
Joseph R. Wright, Jr., Deputy Secretary  
Robert G. Dederick, Assistant Secretary  
for Economic Affairs

BUREAU OF THE CENSUS  
Bruce Chapman,  
Director

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# Introduction

## GENERAL

This report contains statistics on oil and gas field exploration, development, and production from the 1980 annual survey of oil and gas. The 1980 survey is the eighth of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity. This survey focuses on exploration expenditures which represent efforts put forth to find new or extend known oil and gas reserves, development expenditures which measure activities to develop productive capacity from proven reserves, and production expenditures which measure the operation and maintenance activities at producing properties.

The data in this report were collected on two bases, gross operator and net company interest. Under gross operator, individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated irrespective of ownership interest; thus they include working interest, production payments, and royalty interest of all owners. Net company interest statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases. The major portion of the annual survey of oil and gas is concerned with financial statistics reported on a net company interest basis since the industry's bookkeeping records are primarily maintained on an ownership basis. Gross operator based statistics are presented in this survey since they provide a link with oil and gas field operator statistics from the census of mineral industries. Measures which relate to labor force employment are more appropriately collected on an operator rather than on an ownership basis due to extensive arrangements whereby concerns operate properties owned by others.

Two questionnaires were used to collect data for this survey: Form MA-13K and Form MA-13K(S). Copies of these forms are shown in appendixes A and B. Form MA-13K surveyed data on both gross operator and net company interest basis. Form MA-13K(S) was surveyed solely on a gross operator basis.

The census of mineral industries company list formed the universe from which the Form MA-13K respondents were selected. The Form MA-13K sample has been designated the primary sample. In 1979 and 1980, an abstract of companies from the American Association of Petroleum Geologists/American Petroleum Institute's well ticket file was the universe from which Form MA-13K(S) respondents were selected. This supplemental sample was introduced to augment coverage of drilling statistics. See appendixes C and D for further detail on sample design and qualifications of data.

Primary and supplemental sample survey results have been presented separately in this report in order to provide a basis for linking 1979 and 1980 gross operator basis survey results with 1973 to 1978 figures. Gross operator basis statistics prior to 1979 and 1980 were limited solely to primary sample results.

Statistics presented for operators will be greater for the same or similar items than for net company interest figures in this survey for several reasons. First, the Form MA-13K(S) respondents were not requested to report net company interest data. Second, the census of mineral industries from which the primary sample was selected does not include companies that were solely royalty and non-working interest holders; therefore, a representative sample of such concerns could not be obtained.

The information in the following text is based on statistics that appear in tables 1 through 6B, 8, 10, 11, and 12. These include aggregates of all detailed data collected for this survey. For most tables, operational ratios provide the basis for grouping company statistics into selected size-classes (see table A).

## GROSS OPERATOR BASIS STATISTICS

### Revenues, Volumes, and Expenditures

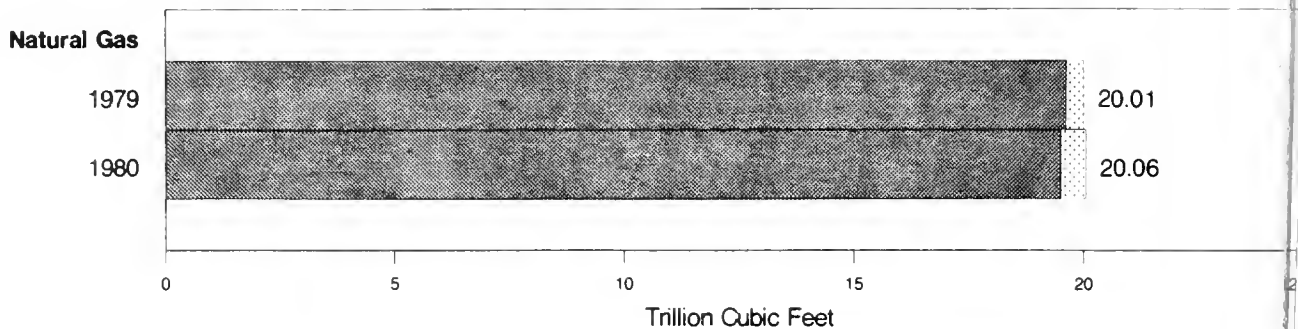
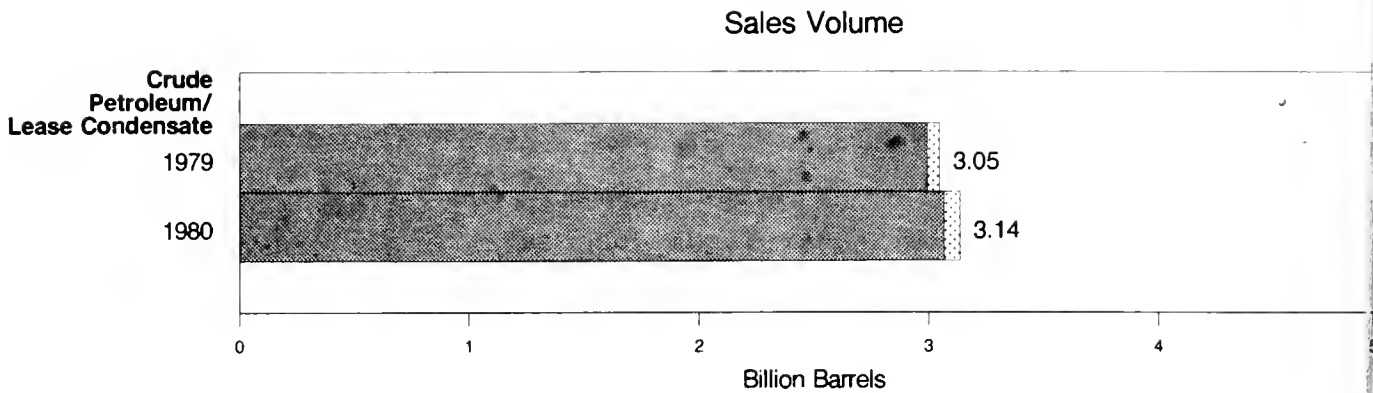
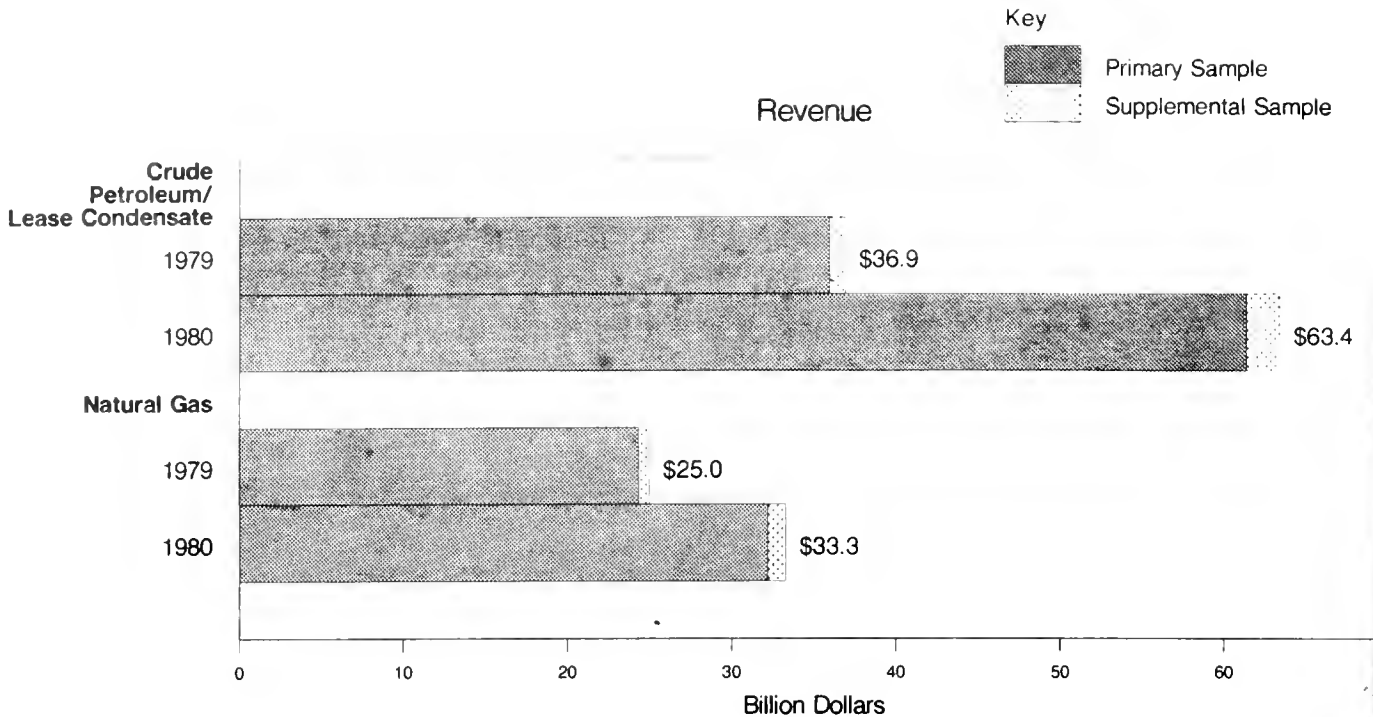
Revenues for crude petroleum, condensate, and natural gas on a gross operator basis amounted to \$96,731 million in 1980, an increase of 56 percent from the 1979 figure of \$61,906 million.

Crude petroleum and condensate accounted for 66 percent of 1980 revenues and amounted to \$63,435 million, an increase of 72 percent from the 1979 figure of \$36,921 million. The 1980 gross operator sales volume of 3,137 million barrels of crude petroleum and condensate was only 3 percent more than the 1979 level of 3,047 million barrels. The average unit value of crude petroleum increased from \$12.12 to \$20.22 per barrel or 67 percent between 1979 and 1980. These changes are depicted in charts A and B.

Revenues for natural gas increased 33 percent from 1979 to 1980. During the same period natural gas unit values also increased by 33 percent. Natural gas sales volumes increased by less than 1 percent, from 20,005 billion cubic feet in 1979 to 20,063 billion cubic feet in 1980. These changes are illustrated in charts A and B.

Chart C shows that the expenditures for drilling and equipping wells that were completed during 1980 totaled \$22,413 million. This was a 35-percent increase over the 1979 figure of \$16,644 million. In 1980, expenditures for completed development wells amounted to \$12,044 million while expendi-

CHART A.  
Revenue and Sales Volume  
for Crude Petroleum/Lease Condensate  
and Natural Gas: 1979 and 1980  
(Gross Operator Basis)



## CHART B.

## Average Unit Values: 1979 and 1980

(Gross Operator Basis)

Key



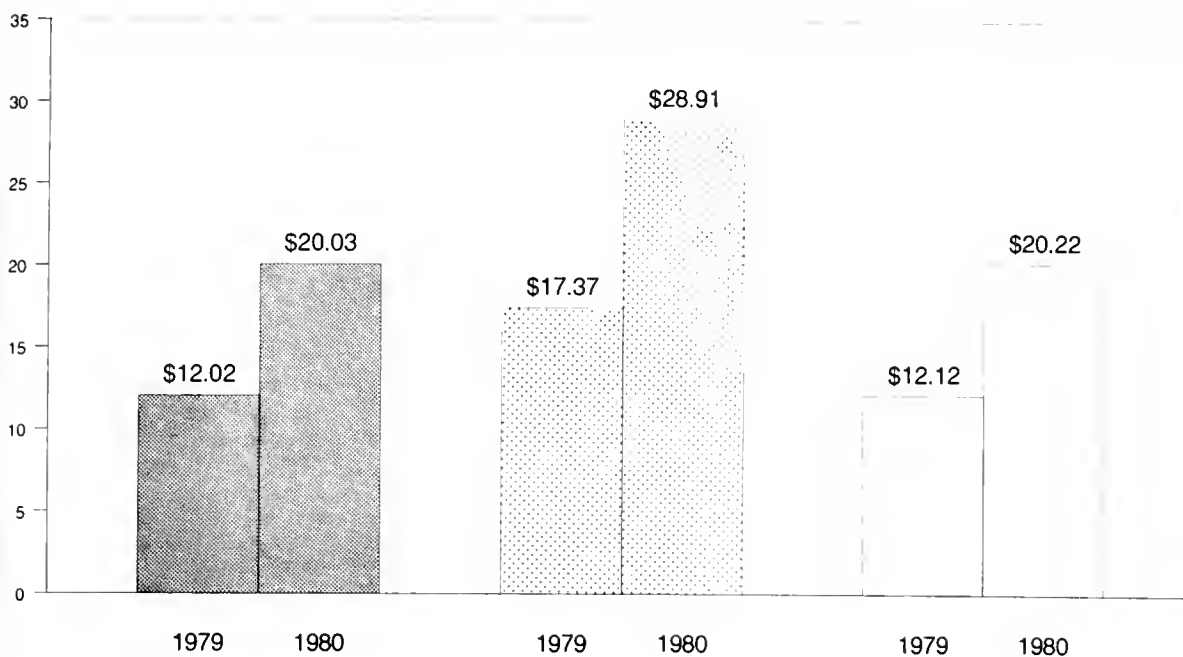
Primary Sample



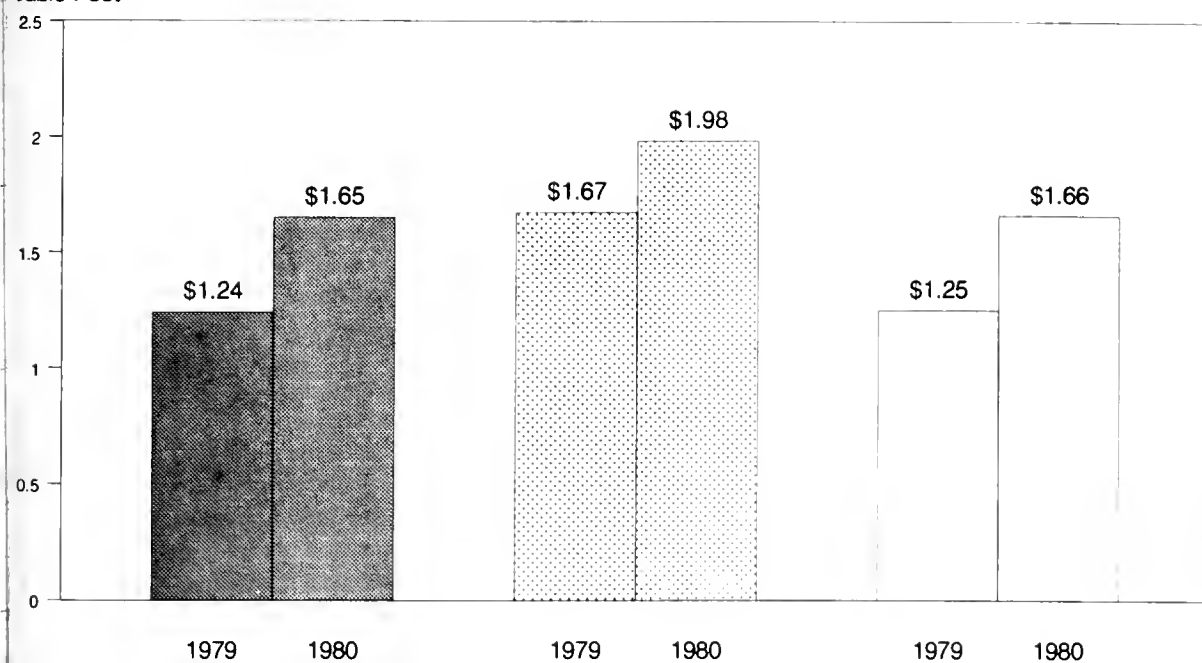
Supplemental Sample

All Companies<sup>1</sup>Dollars Per  
Barrel

## Crude Petroleum/Lease Condensate

Dollars Per  
Thousand  
Cubic Feet

## Natural Gas

<sup>1</sup> Includes both the primary and the supplemental samples.

## CHART C.

**Expenditures for Wells Completed During the Year  
by Well Type for All Companies: 1979 and 1980****(Gross Operator Basis)**

Key



1979

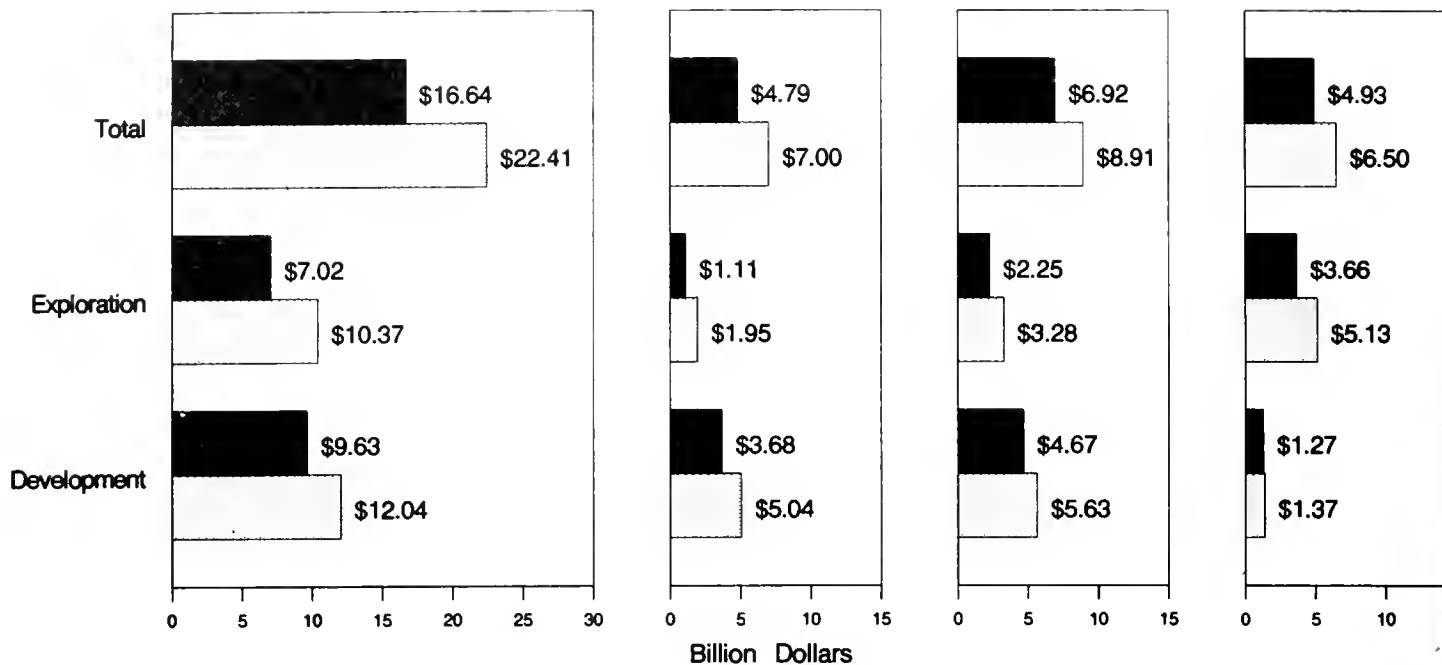
1980

Total

Oil

Gas

Dry



tures for completed exploration wells were \$10,368 million. In each year since the surveys inception in 1973, expenditures for completed development wells exceeded those for exploration well completions.

**Table A. User's Guide to Operational Ratio Tables: Data Items Used for Computing Ratios**

(See appendix A for copy of report form and instructions)

Table number	Numerator line number(s) and column(s) on report form and instructions	Denominator line number(s) and column(s) on report form and instructions
<sup>1</sup> 12	2f	1f
13	13c	12c
14	26c	12c
15	37c	12c
16	14c + 27c	13c + 26c
17	15c + 28c	14c + 27c
18	14c	12c

<sup>1</sup> For example, the ratio used to disaggregate data for table 12 was obtained by dividing the quantity of crude petroleum and condensate reported for stripper well leases in the lower 48 States (line 2, column f) by the total quantity of crude petroleum and condensate reported (line 1, column f) for each company. Ratios for other tables were derived in a similar manner.

From 1973 to 1975, expenditures for completed oil wells slightly exceeded expenditures for completed gas wells. Between 1976 and 1980, expenditures for completed gas wells exceeded expenditures for completed oil wells. Expenditures for all gas wells completed during 1980 amounted to \$8,913 million, while expenditures for all oil wells completed were \$6,999 million. As indicated in charts C and D, gas development wells, rather than exploratory wells, were responsible for the sizable increase in expenditures for completed gas wells.

A number of factors such as expected product prices, estimates of recoverable reserves, and estimated costs determine whether a well can be operated economically. A dry hole is defined as a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.<sup>1</sup> This category, in conformance with standard industry nomenclature, includes wells that are temporarily abandoned even though substantial quantities of oil and gas may have been discovered. Separate data for temporarily abandoned wells are not available.

Table B shows the percentage of drilling and equipping expenditures that resulted in producing wells. This success rate has fluctuated over the 1973 to 1980 period, with development wells showing less variation than the rate for exploration wells.

For 1980, the number of wells (54,828) and total footage drilled (285,871 thousand feet) increased 11 and 14 percent, respectively, over their 1979 levels. Concurrently, costs of

drilling and equipping wells increased 35 percent from 1979 to 1980. The difference between the rates of change for the physical drilling measures and the expenditure measure is largely attributable to inflation although no adjustments have been made for well type, geographic area, geological formation, well depth, or technological change. Chart E illustrates that while most of the footage drilled was accomplished by smaller companies, larger companies drilled deeper wells and had higher costs per foot for their drilling and equipping operations. Figures for chart E were derived from table 4. These and other relationships for gross operator statistics are shown in tables 1 through 4 of this publication.

## NET COMPANY INTEREST BASIS STATISTICS

### Revenues, Volumes, and Expenditures

Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totaled \$49,372 million in 1980 with a volume of 2,495 million barrels. Natural gas revenues were \$23,443 million with a quantity of 14,712 billion cubic feet.

Of the net company interest total of 2,495 million barrels of crude petroleum and condensate, 1,684 million barrels were produced from leases containing only oil wells, 80 million barrels (condensate) were produced from gas leases, and 731 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 14,712 billion cubic feet of natural gas showed that 9,620 billion cubic feet were produced from leases containing only gas wells, 1,384 billion cubic feet (casinghead gas) were produced from leases containing only oil wells, and 3,708 billion cubic feet were produced from leases containing both oil and gas wells.

As indicated in chart F, net company interest expenditures for exploration, development, and production amounted to \$62.7 billion in 1980. Of this total, exploration accounted for \$20.8 billion; development, \$19.6 billion; and production, \$22.2 billion. This represents an increase of 33, 13, and 88 percent, respectively, and an overall increase of 40 percent since 1979. About half of the increase in production expenditures was attributable to Federal excise taxes on crude petroleum production. These taxes, which began March 1, 1980, were reported within "other indirect (production) expenses" which increased from \$0.5 billion in 1979 to \$6.5 billion in 1980.

During 1980, the total expenditures for exploration, development, and production increased by \$18.0 billion over what they had been in 1979 while lease revenues increased by \$26.5 billion. The changes in the relationship of expenditures to revenues since 1976 by company size groupings are shown in chart G.

### Stripper Well Statistics

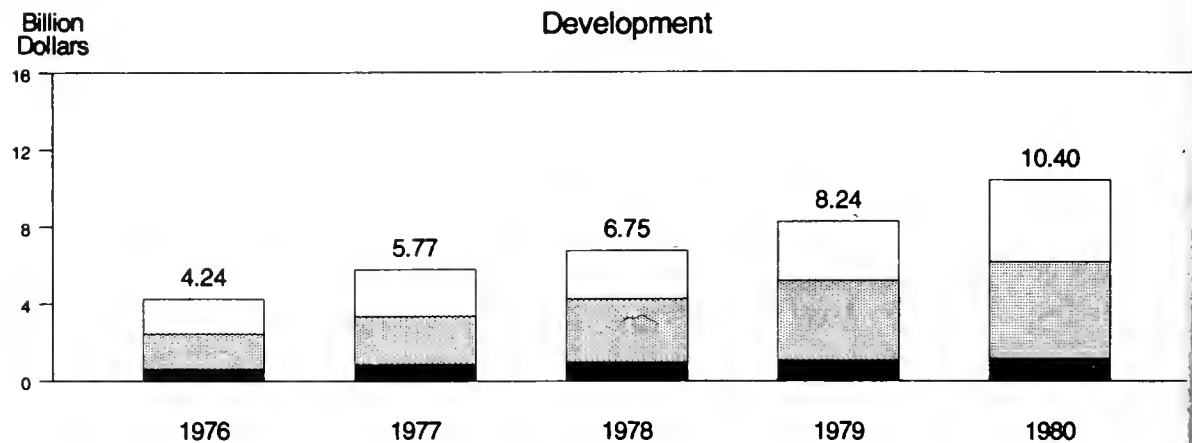
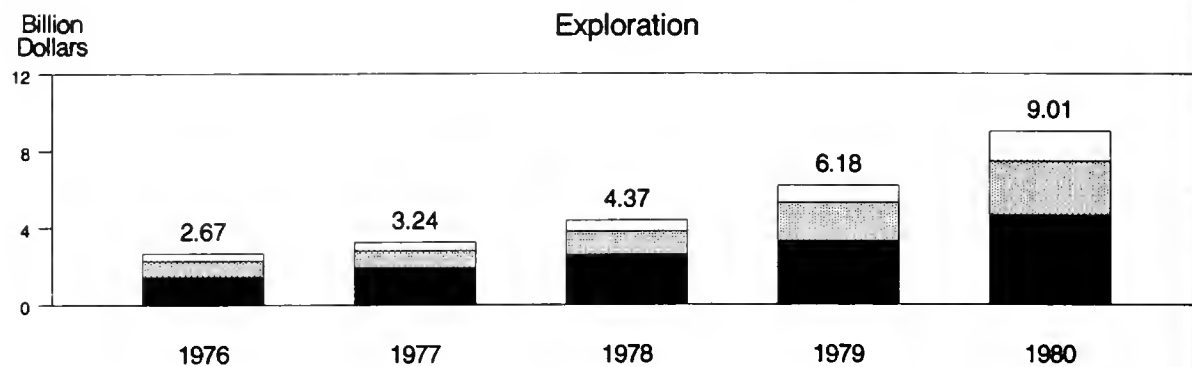
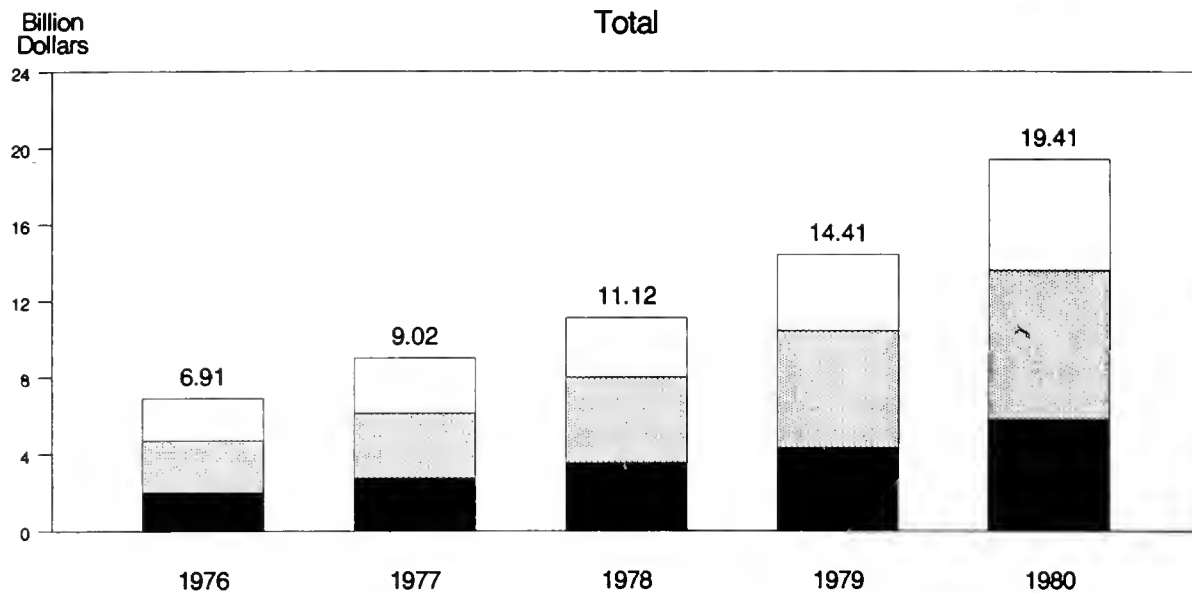
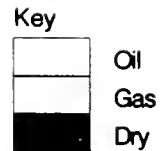
Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have generally shown a positive relationship to

<sup>1</sup> *Standard Definitions for Petroleum Statistics, Technical Report No. 1*, American Petroleum Institute, third edition, 1981.

## CHART D.

**Total Expenditures for Wells Completed During the Year  
by Well Type for Primary Sample Companies:  
1976 to 1980**

(Gross Operator Basis)

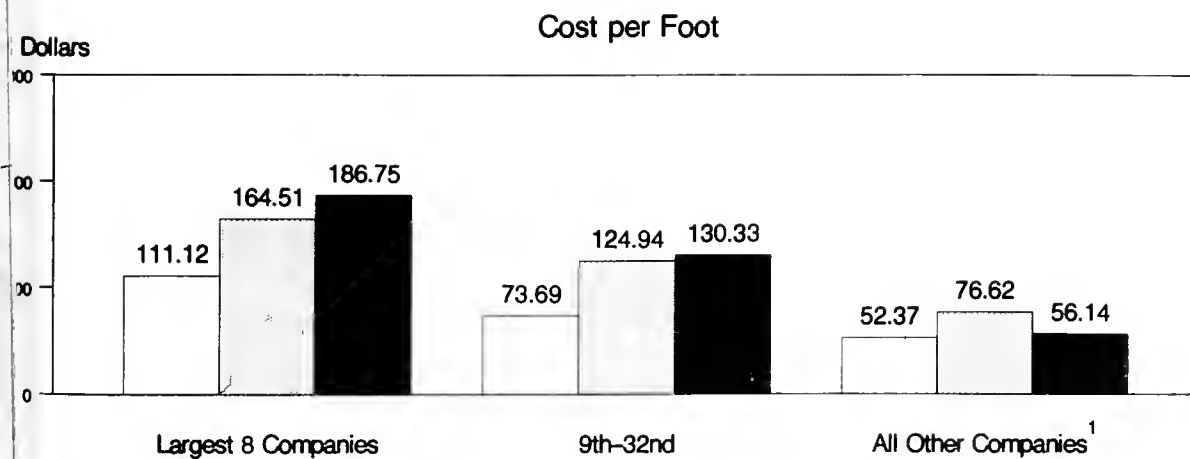
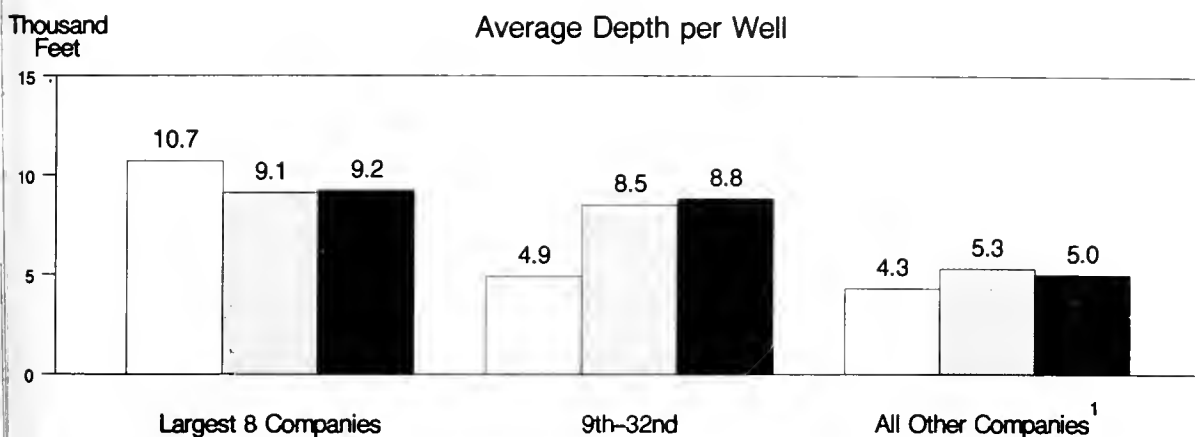
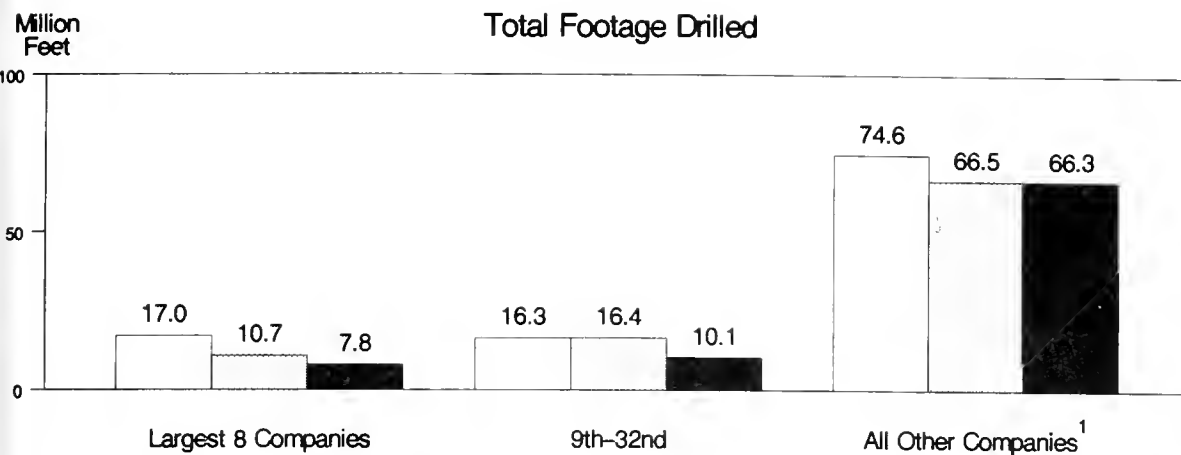
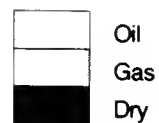


## CHART E.

**Drilling Statistics for Companies  
Ranked by Total Lease Revenues: 1980**

(Gross Operator Basis)

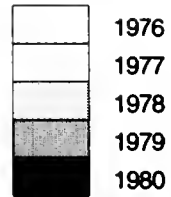
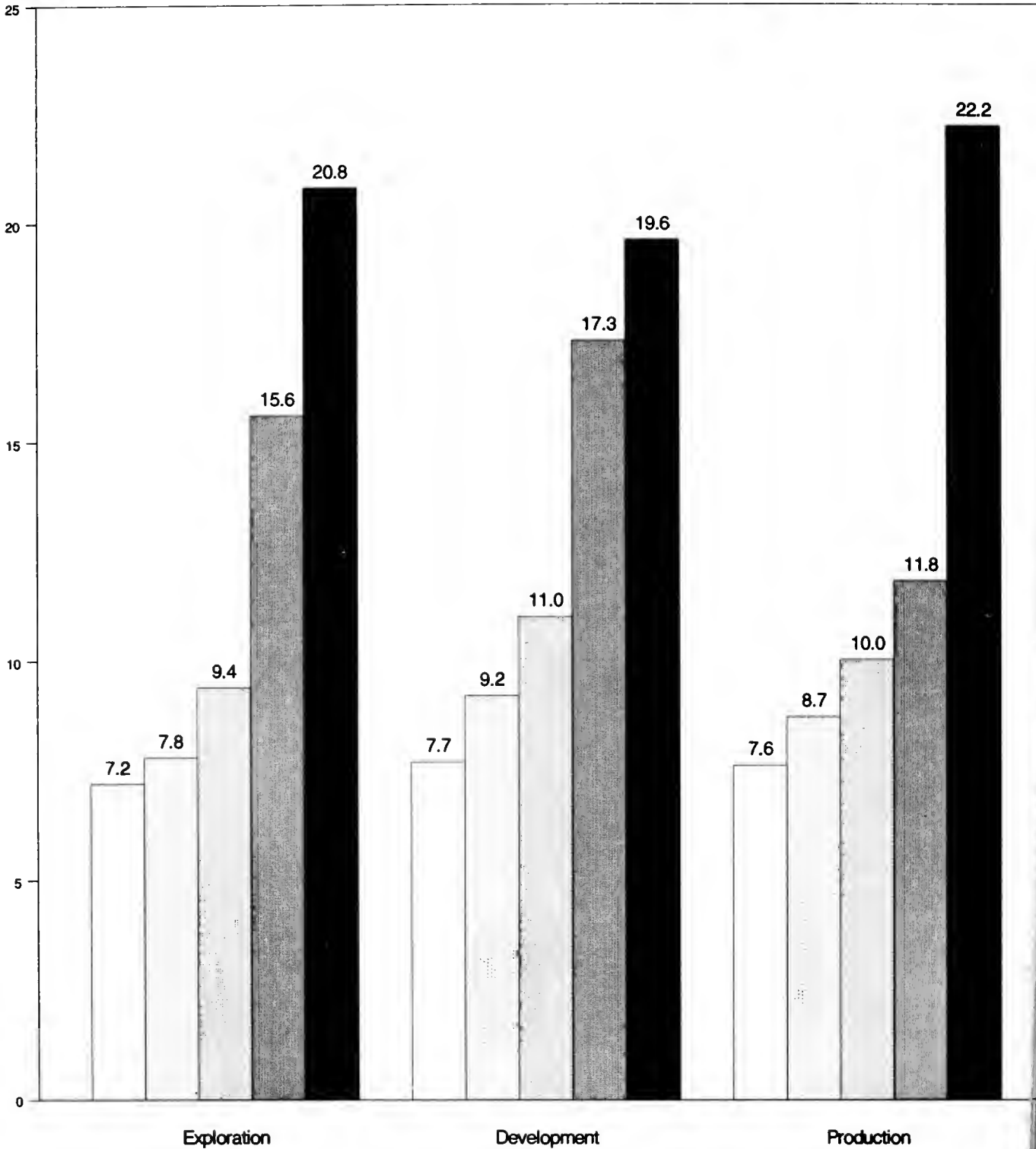
Key

<sup>1</sup> Includes supplemental sample.

## CHART F.

**Exploration, Development, and Production Expenditures:  
1976 to 1980****(Net Company Interest)**

Key

Billion  
Dollars



## CHART G.

Exploration, Development, and Production Expenditures  
as a Percentage of Revenues: 1976 to 1980

(Net Company Interest)

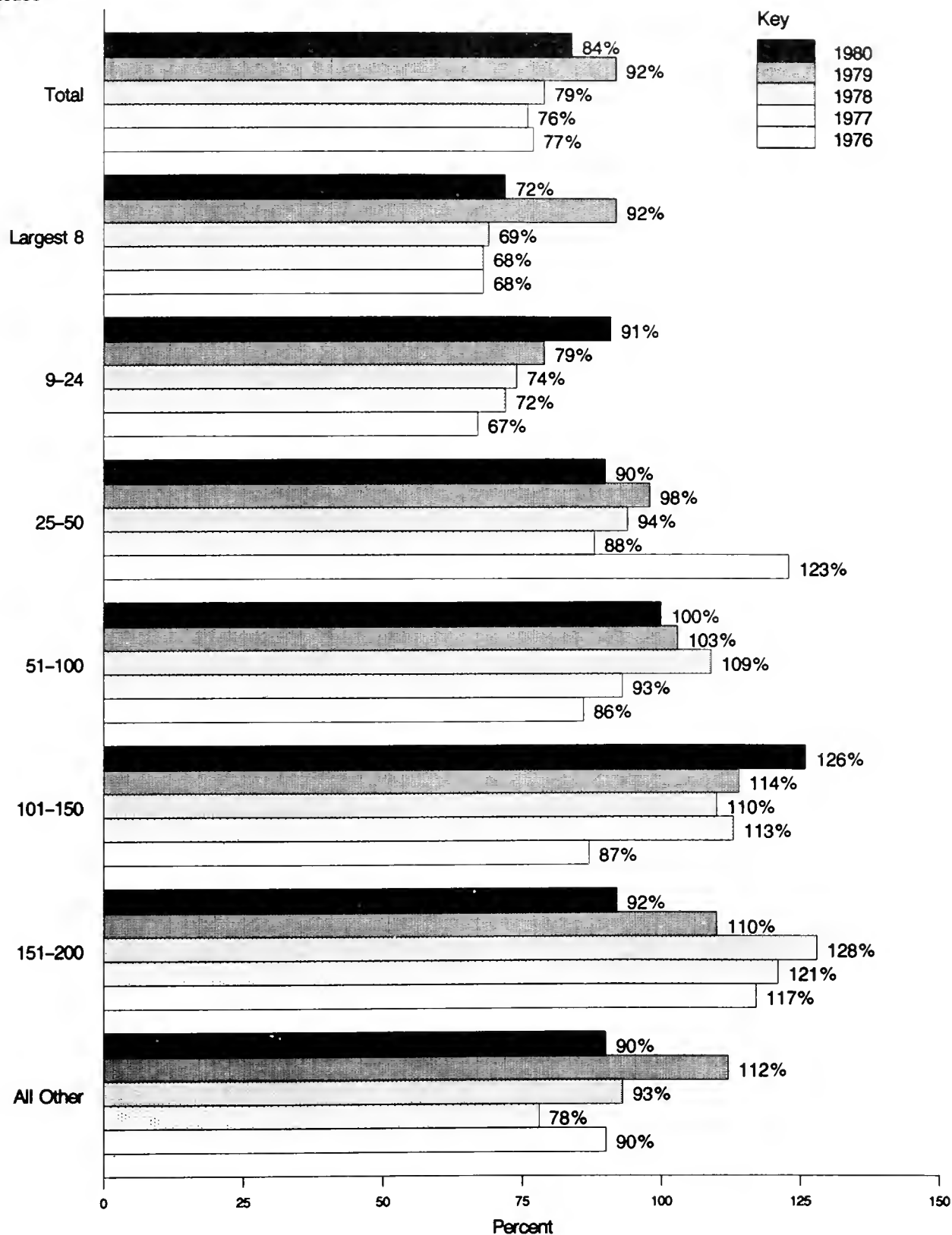
Companies Ranked  
by Total Lease  
Revenues

Table B. Drilling Expenditures and Success Rates, by Type of Well: 1973 to 1980

(Gross operator basis—primary sample)

Year	Total			Exploration wells			Development wells		
	Expenditures for all wells completed (mil. dol.) (A)	Expenditures for successful wells (mil. dol.) (B)	Success rate (col. B÷col. A) (percent) (C)	Expenditures for all wells completed (mil. dol.) (D)	Expenditures for successful wells (mil. dol.) (E)	Success rate (col. E÷col. D) (percent) (F)	Expenditures for all wells completed (mil. dol.) (G)	Expenditures for successful wells (mil. dol.) (H)	Success rate (col. H÷col. G) (percent) (I)
1980. . . . .	19,405.6	13,645.0	70	9,006.0	4,385.9	49	10,399.6	9,259.1	89
1979. . . . .	14,415.5	10,126.3	70	6,178.6	2,921.7	47	8,236.9	7,204.6	87
1978. . . . .	11,117.3	7,603.1	68	4,366.7	1,798.2	41	6,750.6	5,804.9	86
1977. . . . .	9,016.6	6,293.4	70	3,244.9	1,346.0	42	5,771.7	4,947.4	86
1976. . . . .	6,908.1	4,935.4	71	2,665.5	1,258.8	47	4,242.6	3,676.6	87
1975. . . . .	5,775.5	4,006.2	69	2,341.9	1,024.3	44	3,433.6	2,981.9	87
1974. . . . .	4,198.5	2,636.2	63	1,753.5	596.9	34	2,445.0	2,039.3	83
1973. . . . .	2,889.1	1,970.3	68	1,010.7	349.8	35	1,878.4	1,620.5	86

price increases. Stripper well output, which was sold at uncontrolled prices, increased 40 percent from 1973 to 1980. Between 1973 and 1980, the average unit value of crude petroleum and condensate for companies with 60 percent or more stripper well lease specialization in the onshore lower 48 States increased 634 percent, from \$3.55 per barrel to \$26.06 per barrel (table C), while the rate of increase for all companies was 436 percent. The stripper well lease proportion of crude petroleum and condensate volumes has gradually increased from 7.8 percent in 1973 to 11.6 percent in 1980. In all years, the relative amount of expenditures to revenues continued to be greater for companies with larger shares of output from stripper wells (table C). The share of lower 48 States' crude petroleum and condensate output from companies with less than 5 percent stripper well lease specialization decreased steadily from 50 percent in 1973 to 13.0 percent in 1980; whereas, companies within the 10.0 to 19.9 percent specialization group increased steadily from 7.2 percent in 1973 to 49.7 percent in 1979 and then declined to 37.2 percent in 1980 (table C).

### Company Distributions

Chart H shows oil and gas revenues and assets for the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenues. The largest eight companies' domestic oil and gas revenues amounted to \$33.1 billion in 1980 or 45 percent of all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the total revenue figure, the largest eight companies' ownership share was reduced to 34 percent.

The relative share of the industry's assets owned by the largest eight companies decreased during 1980. As shown in chart F at the beginning-of-the-year assets of \$53.7 billion

amounted to 42 percent of the industry's total. By the end of the year, assets had increased to \$63.0 billion; however, this amounted to 40 percent of the industry's total or a 2 percent relative decrease during 1980. In general, there has been an average annual decline in the largest eight companies' relative share of total assets of around 1 percent per annum since this survey began in 1973 when their relative share amounted to 48 percent.

### Geographic Distributions

Chart I presents the distribution of oil and gas revenues and assets between the onshore and offshore lower 48 States and Alaska for 1976 through 1980. The increase in revenues for Alaska reflects output from North Slope oil fields developed since 1967. In 1977, 1978, and 1980, sales volumes from onshore Alaska were large enough to offset decreases in other areas of the United States so as to result in an overall increase in crude petroleum sales volumes. In 1980, crude petroleum sales volumes for onshore Alaska increased by 75 million barrels while sales from all other areas decreased by 36 million barrels. The share of royalty interest held by private owners is greater in the onshore lower 48 States than in Alaska or in offshore areas since royalty interest in the latter areas are normally held by governments.

### Lease Acquisitions

Expenditures for acquiring nonproducing leases totaled \$7.9 billion in 1980. Offshore lease acquisition expenditures have fluctuated considerably during the 1973 to 1980 time period. For 1980, about 88 percent of the \$4.8 billion in offshore

Table C. Selected Company Statistics for the Onshore Lower 48 States, by Stripper Well Lease Specialization: 1973 to 1980

Item and year	All companies	Stripper well lease specialization ratio <sup>1</sup>							
		.000— .049	.050— .099	.100— .199	.200— .299	.300— .399	.400— .499	.500— .599	.600 and over
Average price per barrel of crude petroleum and condensate:									
1980 . . . . .	\$20.91	\$19.35	\$19.64	\$20.74	\$21.91	\$25.72	\$25.20	\$27.11	\$26.06
1979 . . . . .	12.32	12.54	11.30	11.67	12.54	14.70	16.02	17.87	17.17
1978 . . . . .	9.30	9.61	8.97	8.84	9.31	10.93	11.67	11.71	11.73
1977 . . . . .	8.51	8.60	8.19	7.92	8.86	9.73	10.05	10.09	11.59
1976 . . . . .	8.02	8.01	7.72	7.70	8.99	9.05	9.49	9.26	10.91
1975 . . . . .	7.65	7.60	7.35	7.55	8.66	8.88	8.61	9.73	10.00
1974 . . . . .	6.75	6.73	6.53	6.66	7.40	6.98	7.43	7.04	8.84
1973 . . . . .	3.90	3.88	3.98	3.98	3.66	3.70	3.94	4.07	3.55
Percent that direct operating expenditures were of lease revenues:									
1980 . . . . .	13.8	12.2	11.4	15.0	13.6	11.9	16.2	14.1	21.6
1979 . . . . .	16.2	12.6	10.3	18.8	15.1	15.1	18.3	22.6	24.5
1978 . . . . .	17.0	12.6	14.1	19.0	18.8	20.3	17.5	18.2	24.3
1977 . . . . .	16.1	10.2	18.4	17.6	16.2	19.5	24.3	24.1	23.6
1976 . . . . .	15.5	10.3	16.4	17.0	17.9	18.3	24.7	22.0	27.8
1975 . . . . .	15.3	9.9	16.8	15.7	17.9	20.5	24.1	23.5	26.7
1974 . . . . .	14.0	11.0	14.9	14.2	20.8	18.8	19.4	18.5	23.5
1973 . . . . .	17.6	18.4	13.1	19.8	22.3	24.7	22.7	33.5	35.7
Percentage of total crude petroleum and condensate:									
1980 . . . . .	100.0	13.0	25.0	37.2	16.7	1.6	0.6	0.7	5.1
1979 . . . . .	100.0	18.8	11.5	49.7	11.2	1.7	0.9	0.6	5.6
1978 . . . . .	100.0	18.3	18.9	47.4	5.9	1.4	1.4	0.6	6.0
1977 . . . . .	100.0	25.4	26.6	33.5	4.7	1.7	1.9	0.6	5.7
1976 . . . . .	100.0	28.0	29.9	30.9	3.3	1.4	1.2	1.3	4.0
1975 . . . . .	100.0	28.6	42.8	18.7	2.6	1.3	1.3	0.5	4.3
1974 . . . . .	100.0	39.5	41.7	9.3	2.2	1.2	1.0	0.6	4.5
1973 . . . . .	100.0	50.3	33.9	7.2	1.9	1.2	1.1	0.4	4.0

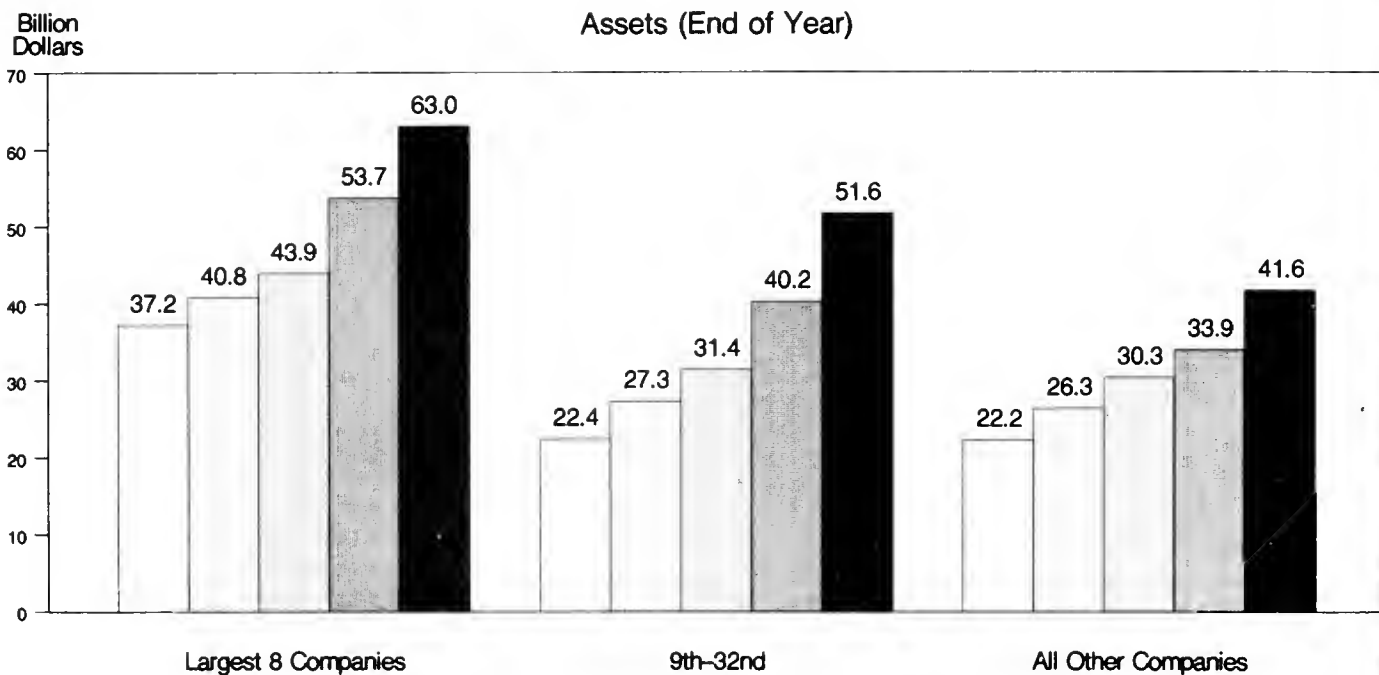
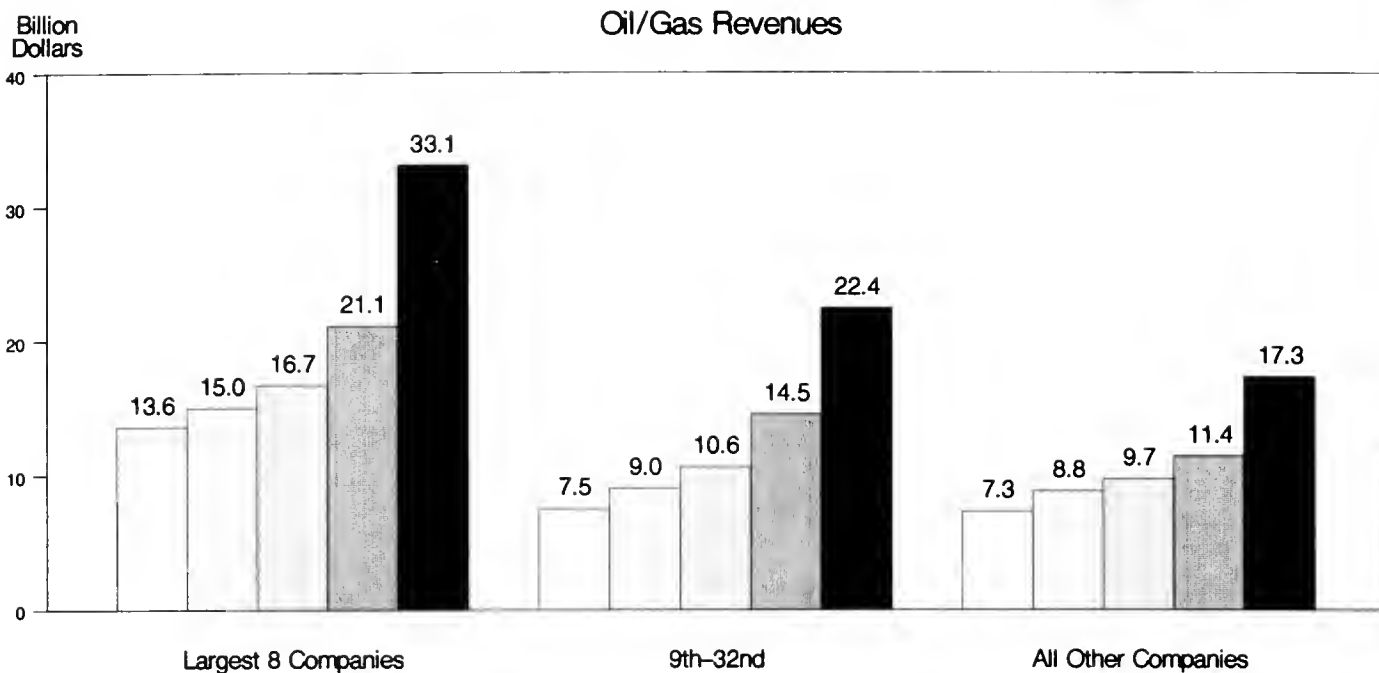
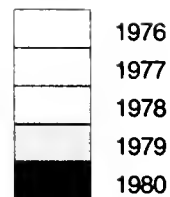
<sup>1</sup> The stripper well lease specialization ratios were derived for each year by dividing the quantity of stripper well lease crude petroleum and condensate by the total quantity of crude petroleum and condensate sold by each company.

## CHART H.

**Oil/Gas Revenues and Assets for Companies  
Ranked by Total Lease Revenues: 1976 to 1980**

(Net Company Interest)

Key

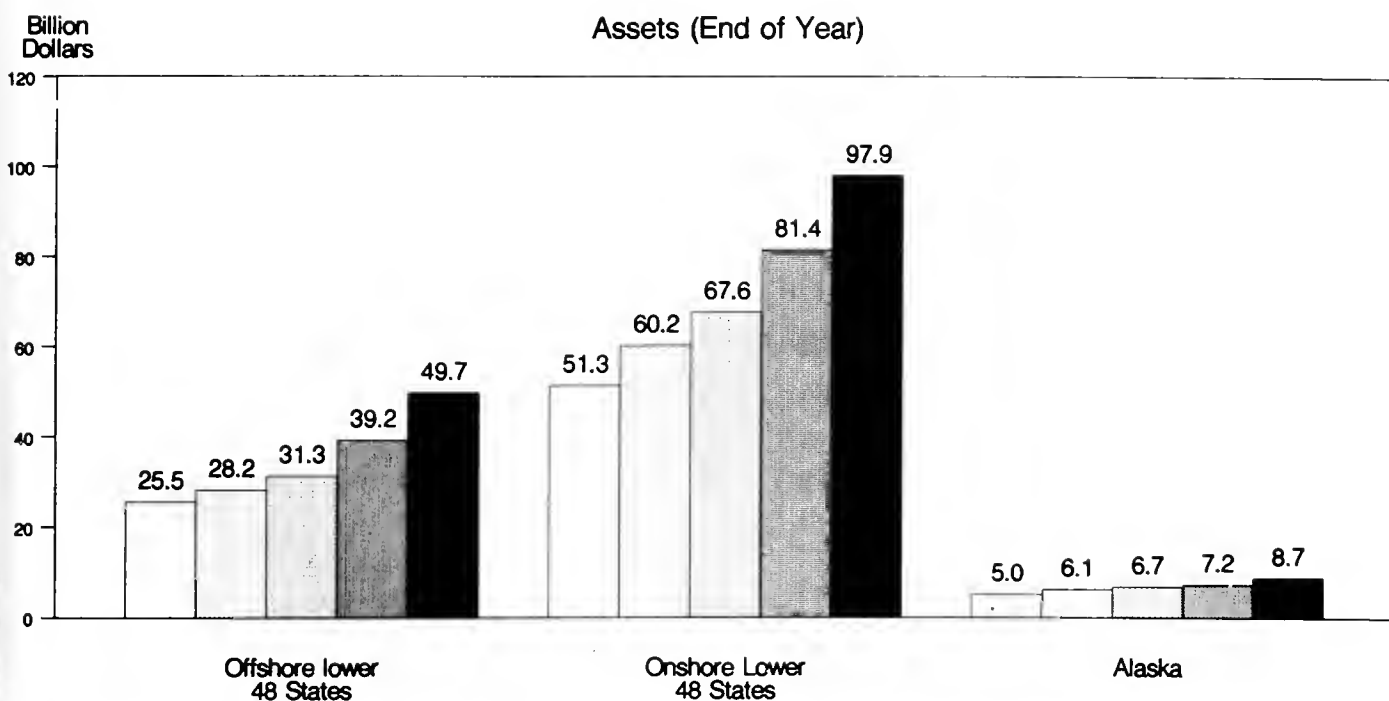
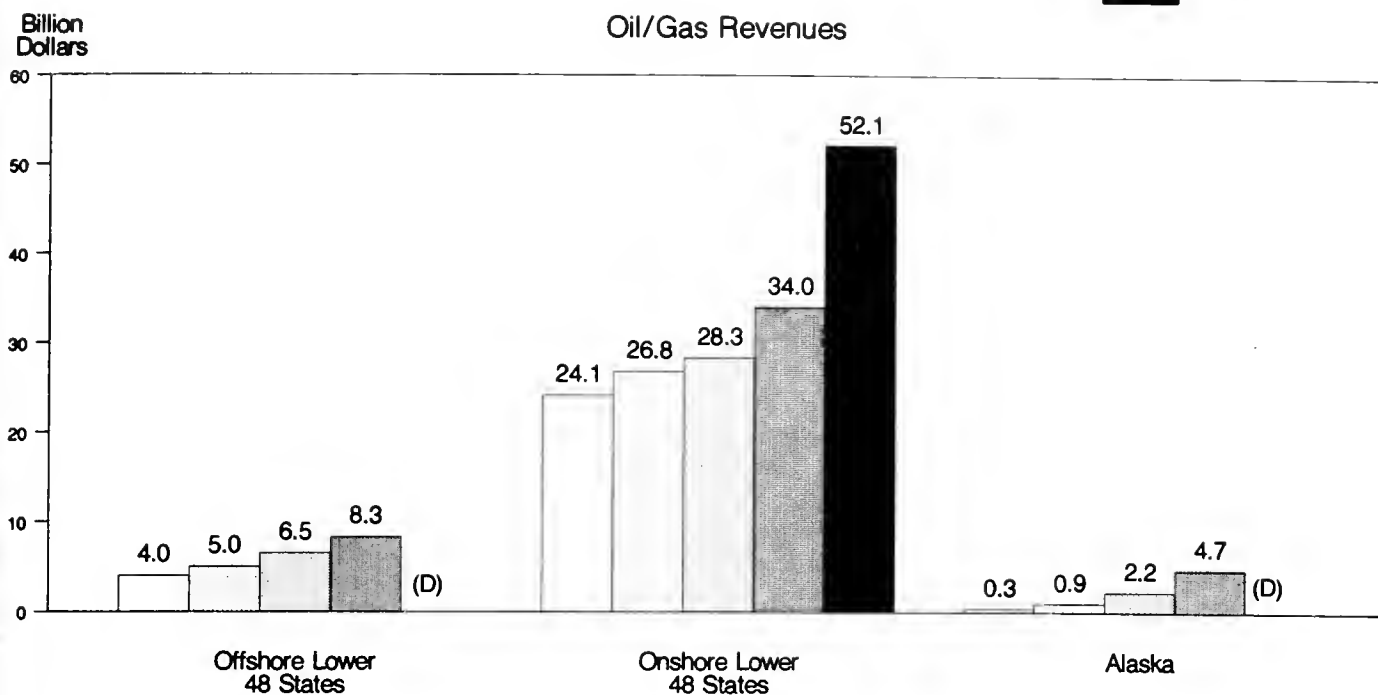
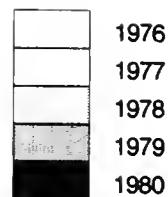


## CHART I.

Oil/Gas Revenues and Assets  
by Geographic Areas: 1976 to 1980

(Net Company Interest)

Key



(D) Withheld to avoid disclosing figures for individual companies.

expenditures occurred at the Federal Outer Continental Shelf (OCS) sales held by the U.S. Department of Interior, Bureau of Land Management.<sup>2</sup> Expenditures for acquiring onshore lower 48 States nonproducing leases amounted to \$3.1 billion, an increase of about 48 percent from the 1979 figure of \$2.1 billion. Expenditures for acquiring onshore lower 48 States nonproducing leases have increased almost without interruption since 1973 when they amounted to \$0.4 billion. Expenditures for acquiring producing leases amounted to \$3.4 billion. Sales in the onshore lower 48 States amounted to 83 percent of the funds expended for producing leases.

## Methods of Accounting

Table 10 presents statistics by accounting methods. Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that other companies would charge to current expenses. In 1980, companies using the successful efforts method of accounting capitalized 82 percent of their exploration and development expenditures while companies using the full cost method (e.g., companies that capitalize expenditures for drilling exploratory dry holes), capitalized 92 percent of their exploration and development expenditures. If project characteristics (e.g. degree of risk) are the same for companies using alternative methods of accounting, it is logical to expect the full cost method companies to have a lower return on assets than companies using the successful efforts method. Figures in table D substantiate that the successful efforts method concerns

<sup>2</sup> *Outer Continental Shelf Statistics*, U.S. Department of the Interior, June 1981, p.6.

have a higher rate of return in terms of their net revenues to net assets ratio than full cost companies; the former's rate was 46 percent while the latter's rate was 29 percent.

## Confidentiality of Individual Company Data

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances, however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

Table D. Net Revenue to Net Asset Ratios, by  
Accounting Method: 1980

(Net company interest basis)

Accounting method	Net revenues <sup>1</sup> (million dollars)	Net assets <sup>2</sup> (million dollars)	Net revenues to net assets (percent)
Successful efforts . .	33,085.3	71,816.8	46
Full costs . . . . .	6,068.0	21,013.6	29

<sup>1</sup> Net revenues were derived by subtracting production expenditures and charges to depletion, depreciation, and amortization during the year from lease revenues.

<sup>2</sup> Net assets were derived by subtracting accumulated cost of depreciation, depletion, and amortization from total assets.

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**Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1980 and 1979**

(Gross operator basis)

Items	Unit of measure	All operating companies	Operating companies (primary sample) ranked by total value of crude petroleum and natural gas sales <sup>1</sup>						
			All companies	First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50	First 50 companies
Sales volumes:									
Crude petroleum and condensate:									
1980.....	Mill. bbl....	3,136.5	3,066.2	1,604.0	578.7	217.4	107.0	98.5	2,605.7
1979.....	..do.....	3,046.8	2,992.1	1,488.0	634.3	179.5	99.3	99.5	2,500.6
From stripper well leases:									
1980.....	..do.....	(NA)	400.4	101.8	70.3	16.9	23.0	19.0	231.1
1979.....	..do.....	(NA)	399.0	102.5	73.2	20.8	8.3	25.2	230.1
Lease condensate:									
1980.....	..do.....	(NA)	140.5	45.8	34.2	9.7	8.2	11.5	109.4
1979.....	..do.....	(NA)	148.7	48.1	24.7	19.5	13.4	7.1	112.8
Natural gas:									
1980.....	Bill. cu. ft.	20,063.4	19,507.6	6,553.5	3,982.9	1,742.3	1,112.4	1,734.0	15,125.1
1979.....	..do.....	20,005.1	19,613.8	7,361.2	3,030.7	2,695.0	1,058.4	1,520.0	15,665.3
Lease revenues:									
Crude petroleum and condensate:									
1980.....	Mill. dol....	\$63,434.9	\$61,402.5	29,630.3	11,957.8	4,532.9	2,141.8	2,143.8	50,406.5
1979.....	..do.....	\$36,921.4	\$35,971.0	16,768.9	7,326.3	2,251.9	1,173.7	1,307.5	28,828.4
Lease condensate:									
1980.....	..do.....	(NA)	\$3,029.0	978.7	726.0	224.8	157.1	252.8	2,339.5
1979.....	..do.....	(NA)	\$1,811.0	582.3	293.4	230.7	158.8	100.8	1,365.9
Natural gas:									
1980.....	..do.....	\$33,296.5	\$32,194.4	10,444.7	6,236.6	2,736.0	2,365.9	3,010.5	24,793.7
1979.....	..do.....	\$24,984.1	\$24,329.4	8,334.8	3,593.5	3,067.7	1,665.2	2,080.4	18,741.6
Expenditures for drilling and equipping wells completed during the year:									
1980.....	..do.....	22,412.6	19,405.6	5,113.3	2,679.5	939.0	950.5	1,641.9	11,324.3
Exploration.....	..do.....	10,368.3	9,006.0	2,546.0	999.2	485.8	410.8	731.2	5,172.9
Development.....	..do.....	12,044.4	10,399.6	2,567.4	1,680.3	453.3	539.8	910.7	6,151.4
1979.....	..do.....	16,644.4	14,415.5	3,424.1	2,036.4	1,069.6	910.0	936.6	8,376.6
Expenditures incurred during the year for drilling and equipping wells: <sup>2</sup>									
1980.....	..do.....	26,017.4	23,010.4	6,726.2	3,537.2	1,158.6	1,227.2	1,848.9	14,498.3
Exploration.....	..do.....	12,212.6	10,850.4	3,442.8	1,241.3	628.8	640.9	796.2	6,750.0
Development.....	..do.....	13,804.7	12,159.9	3,283.4	2,296.0	529.8	586.4	1,052.7	7,748.3
1979.....	..do.....	19,052.4	16,823.5	4,201.4	2,757.3	1,476.9	996.4	965.1	10,397.0
Dry holes completed during the year:									
1980.....	..do.....	6,500.9	5,760.6	1,463.2	692.7	364.4	256.2	524.2	3,300.7
Exploration.....	..do.....	5,131.5	4,620.2	1,264.4	551.3	324.6	185.5	407.6	2,733.5
Development.....	..do.....	1,369.4	1,140.5	198.8	141.3	39.8	70.7	116.6	567.2
1979.....	..do.....	4,934.8	4,289.2	1,048.3	615.0	286.6	275.2	251.2	2,476.3
Oil wells completed during the year:									
1980.....	..do.....	6,998.5	5,814.3	1,885.6	802.1	235.0	166.2	328.1	3,417.1
Exploration.....	..do.....	1,954.8	1,566.6	479.8	125.8	49.4	42.9	96.3	794.2
Development.....	..do.....	5,043.7	4,247.7	1,405.8	676.2	185.7	123.4	231.8	2,622.9
1979.....	..do.....	4,785.7	3,986.0	1,057.1	660.0	146.1	219.9	179.0	2,262.1
Gas wells completed during the year:									
1980.....	..do.....	8,913.1	7,830.7	1,764.5	1,184.7	339.6	528.1	769.5	4,606.5
Exploration.....	..do.....	3,282.0	2,819.3	801.7	322.0	111.8	182.4	227.3	1,645.2
Development.....	..do.....	5,631.1	5,011.4	962.7	862.7	227.8	345.7	562.2	2,961.3
1979.....	..do.....	6,923.9	6,140.3	1,318.7	761.4	636.9	414.9	506.4	3,638.2
Work-in-progress adjustment:									
1980.....	..do.....	(NA)	3,604.8	1,612.9	857.7	219.6	276.7	207.0	3,174.0
Exploration.....	..do.....	(NA)	1,844.4	896.9	242.1	143.0	230.1	65.0	1,577.0
Development.....	..do.....	(NA)	1,760.3	716.0	615.7	75.6	46.6	142.1	1,596.9
1979.....	..do.....	(NA)	2,408.0	777.2	721.0	407.3	86.4	28.6	2,020.5
Expenditures for platforms:									
1980.....	..do.....	(NA)	1,092.7	389.4	245.5	159.3		100.2	894.4
Drilling platforms <sup>3</sup> .....	..do.....	(NA)	660.2	283.6	216.9	159.3		100.2	593.6
Production platforms.....	..do.....	(NA)	432.5	105.8	28.6				300.8
1979.....	..do.....	(NA)	913.5	201.6	245.1	71.2	84.9	60.9	663.7
Employment:									
1980.....	Thousand....	179.0	166.7	48.6	27.1	8.4	7.9	9.8	101.9
1979.....	..do.....	167.1	157.3	44.6	21.5	13.2	4.6	7.0	90.9

See footnotes at end of table.



Table 1. Selected Statistics Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1980 and 1979—Continued

(Gross operator basis)

Items	Unit of measure	Operating companies (primary sample) ranked by total value of crude petroleum and natural gas sales <sup>1</sup> —Continued							All operating companies (supplemental sample) <sup>4</sup>
		Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies	
Sales volumes:									
Crude petroleum and condensate:									
1980.....	Mill. bbl.....	59.1	66.7	2,731.5	52.9	36.2	2,820.6	245.6	70.3
1979.....	..do.....	54.8	78.2	2,633.6	61.9	34.5	2,729.9	262.2	54.7
From stripper well leases:									
1980.....	..do.....	10.9	11.3	253.2	15.5	9.4	278.2	122.2	(NA)
1979.....	..do.....	10.5	11.8	252.6	15.1	10.3	277.8	121.2	(NA)
Lease condensate:									
1980.....	..do.....	7.2	5.6	122.2	5.5	1.6	129.2	11.3	(NA)
1979.....	..do.....	6.8	6.7	126.3	5.2	2.3	133.8	14.8	(NA)
Natural gas:									
1980.....	Bil. cu. ft.	874.1	939.4	16,938.6	537.5	294.3	17,770.4	1,737.4	555.8
1979.....	..do.....	800.7	679.6	17,145.6	570.4	333.1	18,049.0	1,564.8	391.3
Lease revenues:									
Crude petroleum and condensate:									
1980.....	Mill. dol....	1,509.7	1,524.2	53,440.3	1,383.7	894.1	55,718.2	5,684.4	2,032.4
1979.....	..do.....	750.8	1,024.8	30,604.0	877.7	538.3	32,019.9	3,951.1	950.4
Lease condensate:									
1980.....	..do.....	161.4	125.9	2,626.7	143.1	42.2	2,812.1	216.9	(NA)
1979.....	..do.....	86.8	88.1	1,540.8	88.1	9.3	1,638.2	172.8	(NA)
Natural gas:									
1980.....	..do.....	1,580.7	1,553.4	27,927.8	982.0	544.9	29,454.7	2,739.7	1,102.1
1979.....	..do.....	1,196.7	1,024.5	20,962.8	802.8	544.0	22,309.6	2,019.8	654.7
Expenditures for drilling and equipping wells completed during the year:									
1980.....	..do.....	1,353.7	1,765.5	14,443.5	897.3	589.6	15,930.4	3,475.1	3,007.0
Exploration.....	..do.....	714.4	950.9	6,838.2	384.9	246.0	7,469.1	1,536.9	1,362.2
Development.....	..do.....	639.3	814.7	7,605.3	512.4	343.6	8,461.3	1,938.2	1,644.8
1979.....	..do.....	666.7	891.4	9,934.7	830.2	484.3	11,249.2	3,166.2	2,228.9
Expenditures incurred during the year for drilling and equipping wells: <sup>2</sup>									
1980.....	..do.....	1,443.6	1,882.5	17,824.3	988.7	603.2	19,416.2	3,594.1	3,007.0
Exploration.....	..do.....	767.0	1,038.1	8,555.0	427.7	251.7	9,234.4	1,616.0	1,362.2
Development.....	..do.....	676.6	844.4	9,269.3	561.0	351.5	10,181.8	1,978.1	1,644.8
1979.....	..do.....	740.7	981.0	12,118.6	939.1	489.7	13,547.4	3,276.1	2,228.9
Dry holes completed during the year:									
1980.....	..do.....	526.7	602.4	4,429.8	257.0	153.3	4,840.1	920.6	740.4
Exploration.....	..do.....	440.7	501.3	3,675.4	193.2	108.6	3,977.3	642.9	511.3
Development.....	..do.....	86.1	101.1	754.3	63.8	44.7	862.8	277.7	229.1
1979.....	..do.....	226.0	326.8	3,029.1	246.1	138.3	3,413.5	875.6	645.6
Oil wells completed during the year:									
1980.....	..do.....	317.6	416.8	4,151.5	292.6	232.9	4,677.0	1,137.2	1,184.2
Exploration.....	..do.....	81.0	169.9	1,045.0	97.3	71.4	1,213.8	352.8	388.2
Development.....	..do.....	236.6	247.0	3,106.5	195.3	161.5	3,463.3	784.4	796.0
1979.....	..do.....	170.5	167.1	2,599.6	253.2	120.0	2,972.9	1,013.1	799.7
Gas wells completed during the year:									
1980.....	..do.....	509.4	746.3	5,862.2	347.6	203.5	6,413.3	1,417.3	1,082.4
Exploration.....	..do.....	192.8	279.7	2,117.7	94.3	66.0	2,278.1	541.2	462.7
Development.....	..do.....	316.6	466.6	3,744.5	253.3	137.5	4,135.3	876.1	619.7
1979.....	..do.....	270.2	397.5	4,305.9	330.9	226.0	4,862.8	1,277.5	783.6
Work-in-progress adjustment:									
1980.....	..do.....	89.9	116.9	3,380.8	91.4	13.6	3,485.8	119.0	(NA)
Exploration.....	..do.....	52.6	87.2	1,716.9	42.8	5.7	1,765.4	79.1	(NA)
Development.....	..do.....	37.3	29.7	1,663.9	48.6	7.9	1,720.4	39.9	(NA)
1979.....	..do.....	74.4	99.6	2,184.5	108.9	4.8	2,298.2	109.9	(NA)
Expenditures for platforms:									
1980.....	..do.....	104.5	(D)	(D)	(D)	-	1,058.1	34.6	(NA)
Drilling platforms <sup>3</sup> .....	..do.....	(D)	(D)	(D)	(D)	-	649.9	10.2	(NA)
Production platforms.....	..do.....	(D)	(D)	(D)	(D)	-	408.1	24.4	(NA)
1979.....	..do.....	43.5	132.5	839.6	(D)	(D)	853.1	60.4	(NA)
Employment:									
1980.....	Thousand....	5.2	7.9	114.9	7.6	3.6	126.1	40.5	12.3
1979.....	..do.....	5.1	7.0	103.0	11.1	4.9	118.9	38.3	9.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. <sup>R</sup> Revised.

<sup>1</sup> The primary sample was selected from the 1977 Census of Mineral Industries universe of companies. See appendix C for further detail on sample design.

<sup>2</sup> Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup> Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>4</sup> The supplemental sample is composed of companies that were not part of the 1977 Census of Mineral Industries universe. See appendix C for further detail on sample design.

**Table 2. Drilling Statistics for Oil, Gas, and Dry Wells—Companies Ranked by Crude Petroleum, Condensate, and Natural Gas Sales: 1980**

(Gross operator basis)

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
All wells.....	54,828	285,871	5,214	22,412.6	409	78.40
Primary sample companies <sup>1</sup> .....	37,464	217,737	5,812	19,405.6	518	89.12
1 to 8.....	5,138	35,529	6,915	5,113.3	995	143.92
9 to 16.....	4,089	25,361	6,202	2,679.5	655	105.65
17 to 32.....	2,338	17,473	7,473	1,889.5	808	108.14
33 to 50.....	1,962	14,145	7,209	1,641.9	837	116.08
51 to 100.....	3,778	27,308	7,228	3,119.2	826	114.22
101 to 150.....	2,520	13,360	5,302	897.3	356	67.16
151 to 200.....	1,496	9,233	6,172	589.6	394	63.86
All other companies.....	16,143	75,328	4,666	3,475.1	215	46.13
Supplemental sample companies <sup>2</sup> .....	17,364	68,134	3,924	3,007.0	173	44.13
Exploration.....	19,089	112,588	5,898	10,368.3	543	92.09
Oil wells.....	5,416	27,425	5,064	1,954.8	361	71.28
Primary sample companies <sup>1</sup> .....	3,209	18,657	5,814	1,566.6	488	83.97
1 to 8.....	406	3,438	8,468	479.8	1,182	139.56
9 to 16.....	95	948	9,979	125.8	1,324	132.70
17 to 32.....	155	1,158	7,471	92.3	595	79.71
33 to 50.....	85	736	8,659	96.3	1,133	130.84
51 to 100.....	253	2,021	7,988	250.9	992	124.15
101 to 150.....	141	948	6,723	97.3	690	102.64
151 to 200.....	194	1,238	6,381	71.4	368	57.67
All other companies.....	1,880	8,170	4,346	352.8	188	43.18
Supplemental sample companies <sup>2</sup> .....	2,207	8,768	3,973	388.2	176	44.27
Gas wells.....	3,748	26,759	7,140	3,282.0	876	122.65
Primary sample companies <sup>1</sup> .....	2,626	20,154	7,675	2,819.3	1,074	139.88
1 to 8.....	356	3,898	10,949	801.7	2,252	205.67
9 to 16.....	145	1,685	11,621	322.0	2,221	191.10
17 to 32.....	268	2,532	9,448	294.2	1,098	116.19
33 to 50.....	141	1,282	9,092	227.3	1,612	177.30
51 to 100.....	280	2,412	8,614	472.5	1,688	195.90
101 to 150.....	153	1,083	7,078	94.3	616	87.07
151 to 200.....	104	788	7,577	66.0	635	83.76
All other companies.....	1,179	6,474	5,491	541.2	459	83.60
Supplemental sample companies <sup>2</sup> .....	1,122	6,605	5,887	462.7	412	70.05
Dry holes.....	9,925	58,404	5,885	5,131.5	517	87.86
Primary sample companies <sup>1</sup> .....	6,935	44,755	6,453	4,620.2	666	103.23
1 to 8.....	649	6,319	9,737	1,264.4	1,948	200.09
9 to 16.....	334	3,371	10,093	551.3	1,651	163.54
17 to 32.....	355	3,419	9,631	510.1	1,437	149.20
33 to 50.....	350	2,933	8,380	407.6	1,165	138.97
51 to 100.....	688	6,221	9,042	942.0	1,369	151.42
101 to 150.....	398	2,577	6,475	193.2	485	74.97
151 to 200.....	241	1,572	6,523	108.6	451	69.08
All other companies.....	3,920	18,343	4,679	642.9	164	35.05
Supplemental sample companies <sup>2</sup> .....	2,990	13,649	4,565	511.3	171	37.46
Development.....	35,739	173,283	4,849	12,044.4	337	69.51
Oil wells.....	18,499	80,523	4,353	5,043.7	273	62.64
Primary sample companies <sup>1</sup> .....	12,974	61,997	4,779	4,247.7	327	68.51
1 to 8.....	2,701	13,531	5,010	1,405.8	520	103.89
9 to 16.....	2,572	11,295	4,392	676.2	263	59.87
17 to 32.....	534	2,930	5,487	309.1	579	105.49
33 to 50.....	563	3,191	5,668	231.8	412	72.64
51 to 100.....	1,163	6,839	5,880	483.6	416	70.71
101 to 150.....	1,005	4,242	4,221	195.3	194	46.04
151 to 200.....	511	2,989	5,849	161.5	315	54.03
All other companies.....	3,925	16,980	4,326	784.4	200	46.20
Supplemental sample companies <sup>2</sup> .....	5,525	18,526	3,353	796.0	144	42.97
Gas wells.....	11,807	66,905	5,667	5,631.1	477	84.17
Primary sample companies <sup>1</sup> .....	8,325	53,949	6,480	5,011.4	602	92.89
1 to 8.....	822	6,827	8,305	962.7	1,171	141.01
9 to 16.....	766	6,668	8,705	862.7	1,126	129.38
17 to 32.....	764	5,542	7,254	573.5	751	103.48
33 to 50.....	631	4,510	7,147	562.2	891	124.66
51 to 100.....	1,034	7,404	7,161	783.2	757	105.78
101 to 150.....	640	3,458	5,403	253.3	396	73.25
151 to 200.....	315	1,840	5,841	137.5	437	74.73
All other companies.....	3,353	17,700	5,279	876.1	261	49.50
Supplemental sample companies <sup>2</sup> .....	3,482	12,956	3,721	619.7	178	47.83
Dry holes.....	5,433	25,855	4,759	1,369.4	252	52.96
Primary sample companies <sup>1</sup> .....	3,395	18,225	5,368	1,140.5	336	62.58
1 to 8.....	204	1,516	7,431	198.8	975	131.13
9 to 16.....	177	1,394	7,876	141.3	798	101.36
17 to 32.....	262	1,892	7,221	110.5	422	58.40
33 to 50.....	192	1,493	7,776	116.6	607	78.10
51 to 100.....	360	2,411	6,697	187.2	520	77.64
101 to 150.....	183	1,052	5,749	63.8	349	60.65
151 to 200.....	131	806	6,153	44.7	341	55.46
All other companies.....	1,886	7,661	4,062	277.7	147	36.25
Supplemental sample companies <sup>2</sup> .....	2,038	7,630	3,744	229.1	112	30.03

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>The primary sample was selected from the 1977 Census of Mineral Industries universe of companies. See appendix C for further detail on sample design.

<sup>2</sup>The supplemental sample is composed of companies that were not part of the 1977 Census of Mineral Industries universe. See appendix C for further detail on sample design.

Table 3. Selected Statistics Grouped by Legal Form of Organization: 1980

(Gross operator basis)

Item	Unit of measure	United States, total		Corporation		Individual proprietorship		Partnership		Other	
		All com-panies <sup>1</sup>	Primary sample com-panies <sup>2</sup>	All com-panies <sup>1</sup>	Primary sample com-panies <sup>2</sup>	All com-panies <sup>1</sup>	Primary sample com-panies <sup>2</sup>	All com-panies <sup>1</sup>	Primary sample com-panies <sup>2</sup>	All com-panies <sup>1</sup>	Primary sample com-panies <sup>2</sup>
Sales volumes:											
Crude petroleum and condensate...	Mil. bbl....	3,136.5	3,066.2	2,935.2	2,898.3	96.2	80.6	68.7	61.1	36.5	26.3
Natural gas.....	Bil. cu. ft.	20,063.4	19,507.6	18,902.6	18,555.5	546.1	445.1	352.5	286.5	262.0	220.4
Lease revenues:											
Crude petroleum and condensate...	Mil. dol....	63,434.9	61,402.5	58,762.6	57,666.4	2,139.8	1,732.8	1,697.8	1,457.5	834.8	545.9
Natural gas.....	..do.....	33,296.5	32,194.4	31,120.2	30,419.8	915.2	717.4	887.4	760.5	373.8	296.8
Drilling statistics:											
Exploration:											
Expenditures.....	Mil. dol....	10,368.3	9,006.1	9,124.9	8,168.0	420.0	284.2	473.2	378.1	350.3	175.8
Number of wells.....	Number.....	19,089	12,772	13,393	9,549	2,082	1,327	2,073	1,470	1,541	426
Total footage drilled.....	Thou. ft....	112,588	83,566	86,350	67,770	9,649	6,456	10,026	7,379	6,563	1,961
Dry holes:											
Expenditures.....	Mil. dol....	5,131.5	4,620.2	4,499.7	4,187.9	209.7	144.0	233.2	185.0	188.9	103.3
Number of wells.....	Number.....	9,925	6,935	6,702	4,914	1,254	846	1,153	886	816	289
Total footage drilled.....	Thou. ft....	58,404	44,755	42,806	35,038	5,950	4,014	5,927	4,413	3,721	1,290
Oil wells:											
Expenditures.....	Mil. dol....	1,954.8	1,566.6	1,552.2	1,301.9	139.5	89.0	166.0	136.8	97.2	38.9
Number of wells.....	Number.....	5,416	3,209	3,427	2,261	692	379	751	458	546	111
Total footage drilled.....	Thou. ft....	27,425	18,657	19,508	14,155	2,773	1,809	3,093	2,235	2,051	458
Gas wells:											
Expenditures.....	Mil. dol....	3,282.0	2,819.3	3,073.0	2,678.2	70.8	51.2	74.0	56.3	64.2	33.6
Number of wells.....	Number.....	3,748	2,626	3,264	2,372	136	102	169	126	179	26
Total footage drilled.....	Thou. ft....	26,759	20,154	24,036	18,577	926	633	1,006	731	791	213
Development:											
Expenditures.....	Mil. dol....	12,044.4	10,399.6	10,772.4	9,746.3	533.9	358.2	312.0	209.8	426.0	85.3
Number of wells.....	Number.....	35,739	24,694	28,098	21,804	2,579	1,234	2,119	1,310	2,942	347
Total footage drilled.....	Thou. ft....	173,283	134,171	144,846	120,614	11,062	6,279	8,256	5,761	9,119	1,517
Dry holes:											
Expenditures.....	Mil. dol....	1,369.4	1,140.5	1,168.3	1,039.2	63.3	47.8	49.6	37.5	88.3	16.0
Number of wells.....	Number.....	5,433	3,395	3,943	2,829	407	206	441	288	642	72
Total footage drilled.....	Thou. ft....	25,855	18,225	20,409	15,813	1,611	933	1,679	1,194	2,155	285
Oil wells:											
Expenditures.....	Mil. dol....	5,043.7	4,247.7	4,353.4	3,877.3	302.1	215.2	168.2	121.3	219.9	33.8
Number of wells.....	Number.....	18,499	12,974	14,382	11,400	1,447	759	970	577	1,700	238
Total footage drilled.....	Thou. ft....	80,523	61,997	65,837	54,704	5,946	3,748	3,605	2,477	5,135	1,068
Gas wells:											
Expenditures.....	Mil. dol....	5,631.1	5,011.4	5,250.7	4,829.8	168.5	95.2	94.2	51.0	117.8	35.5
Number of wells.....	Number.....	11,807	8,325	9,774	7,574	725	269	708	445	600	37
Total footage drilled.....	Thou. ft....	66,905	53,949	58,599	50,097	3,505	1,598	2,972	2,090	1,829	164

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Includes both the primary sample and the supplemental sample. The supplemental sample is composed of companies that were not part of the 1977 Census of Mineral Industries universe. See appendix C for further detail on sample design.<sup>2</sup>The primary sample was selected from the 1977 Census of Mineral Industries universe of companies. See appendix C for further detail on sample design.

Table 4. Gross Operator Basis Statistics (Primary Sample): 1976 to 1980

Items	Unit of measure	1980	1979	1978	1977	1976	Index (1977=100)			
							1980	1979	1978	1976
Sales volumes:										
Crude petroleum and condensate.....	Mil. bbl....	3,066.2	2,992.1	3,109.2	2,995.6	2,905.2	102.4	99.9	103.8	97.0
From stripper well leases.....	..do.....	400.4	399.0	375.9	340.8	315.1	117.4	117.1	110.3	92.5
Lease condensate.....	..do.....	140.5	148.7	155.2	147.9	147.5	95.0	100.5	104.9	99.7
Natural gas.....	Bil. cu. ft.	19,507.6	19,613.8	19,170.3	19,195.1	19,902.0	101.6	102.2	99.9	103.7
Lease revenues:										
Crude petroleum and condensate.....	Mil. do....	61,402.5	<sup>F</sup> 35,971.0	27,002.5	24,833.5	22,936.4	247.3	144.8	108.7	92.4
Crude petroleum.....	..do.....	58,373.5	<sup>F</sup> 34,160.1	25,543.3	23,522.6	21,712.2	248.2	145.1	108.6	92.3
Lease condensate.....	..do.....	3,029.0	<sup>F</sup> 1,811.0	1,459.2	1,310.8	1,224.0	231.1	138.0	111.3	93.4
Natural gas.....	..do.....	32,194.4	<sup>F</sup> 24,329.4	19,125.6	16,240.9	12,099.4	198.2	149.5	117.8	74.5
Unit values:										
Crude petroleum and condensate.....	Dol. per bbl	20.03	12.01	8.68	8.29	7.89	241.6	144.9	104.7	95.2
Natural gas.....	Cents per 1,000 cu. ft.	165.0	123.8	99.7	84.6	60.7	195.0	146.3	117.9	71.8
Expenditures:										
Exploration expenditures:										
Drilling and equipping wells <sup>1</sup> .....	Mil. dol....	10,850.4	7,232.6	4,834.8	3,703.6	2,920.2	293.0	195.3	130.5	78.8
Dry holes.....	..do.....	4,620.2	3,256.9	2,568.4	1,899.0	1,406.5	243.3	171.5	135.3	74.1
Oil.....	..do.....	1,566.6	911.5	591.3	461.2	395.8	339.7	197.6	128.2	85.8
Gas.....	..do.....	2,819.3	2,010.2	1,206.9	884.8	863.2	318.6	227.2	136.4	97.6
Work-in-progress adjustment.....	..do.....	1,844.4	1,054.0	468.1	458.7	254.7	402.1	229.8	102.0	55.5
Development expenditures:										
Drilling and equipping wells <sup>1</sup> .....	..do.....	12,159.9	9,590.9	8,068.8	6,405.4	5,151.2	189.8	149.7	126.0	80.4
Dry holes.....	..do.....	1,140.5	1,032.3	945.9	824.4	565.9	138.3	125.2	114.7	68.6
Oil.....	..do.....	4,247.7	3,074.5	2,518.9	2,432.0	1,823.6	174.7	126.4	103.6	75.0
Gas.....	..do.....	5,011.4	4,130.1	3,286.0	2,515.4	1,853.0	199.2	164.2	130.6	73.7
Work-in-progress adjustment.....	..do.....	1,760.3	1,354.0	1,318.2	633.7	908.5	277.8	213.7	208.0	143.4
Employment.....	Thousand....	166.7	157.3	144.3	132.8	136.0	125.5	118.4	108.7	102.4
Drilling statistics:										
Exploration dry holes:										
Number of wells.....	Number.....	6,935	5,846	5,578	5,010	(NA)	138.4	116.7	111.3	(NA)
Total footage drilled.....	Thous. ft....	44,755	38,040	38,832	33,162	(NA)	135.0	114.7	117.1	(NA)
Average depth per well.....	Feet.....	6,453	6,507	6,962	6,619	(NA)	97.5	98.3	105.2	(NA)
Average cost per well.....	Thous. dol..	666	557	461	379	(NA)	175.7	147.0	121.4	(NA)
Exploration oil wells:										
Number of wells.....	Number.....	3,209	2,188	2,097	2,184	(NA)	146.9	100.2	96.0	(NA)
Total footage drilled.....	Thous. ft....	18,657	12,336	10,915	11,333	(NA)	164.6	108.9	96.3	(NA)
Average depth per well.....	Feet.....	5,814	5,638	5,205	5,189	(NA)	112.0	108.7	100.3	(NA)
Average cost per well.....	Thous. dol..	488	417	282	211	(NA)	231.3	197.6	133.6	(NA)
Exploration gas well:										
Number of wells.....	Number.....	2,626	2,202	1,970	1,726	(NA)	152.1	127.6	114.1	(NA)
Total footage drilled.....	Thous. ft....	20,154	16,959	14,441	11,914	(NA)	169.2	142.3	121.2	(NA)
Average depth per well.....	Feet.....	7,675	7,702	7,330	6,903	(NA)	111.2	111.6	106.2	(NA)
Average cost per well.....	Thous. dol..	1,074	913	613	513	(NA)	209.2	178.0	119.5	(NA)
Development dry holes:										
Number of wells.....	Number.....	3,395	3,526	4,231	3,897	(NA)	87.1	90.5	108.6	(NA)
Total footage drilled.....	Thous. ft....	18,225	18,405	23,152	21,147	(NA)	86.2	87.0	109.5	(NA)
Average depth per well.....	Feet.....	5,368	5,220	5,472	5,426	(NA)	98.9	96.2	100.8	(NA)
Average cost per well.....	Thous. dol..	336	293	224	212	(NA)	158.5	138.2	105.7	(NA)
Development oil wells:										
Number of wells.....	Number.....	12,974	11,925	11,448	11,375	(NA)	114.1	104.9	100.6	(NA)
Total footage drilled.....	Thous. ft....	61,997	54,526	52,568	53,959	(NA)	114.9	101.1	97.4	(NA)
Average depth per well.....	Feet.....	4,779	4,571	4,592	4,744	(NA)	100.7	96.4	96.8	(NA)
Average cost per well.....	Thous. dol..	327	258	220	214	(NA)	152.8	120.6	102.8	(NA)
Development gas well:										
Number of wells.....	Number.....	8,325	8,283	7,468	6,648	(NA)	125.2	124.6	112.3	(NA)
Total footage drilled.....	Thous. ft....	53,949	52,141	48,064	40,569	(NA)	133.0	128.5	118.5	(NA)
Average depth per well.....	Feet.....	6,480	6,295	6,436	6,102	(NA)	106.2	103.2	105.5	(NA)
Average cost per well.....	Thous. dol..	602	499	440	378	(NA)	159.2	132.0	116.4	(NA)

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available. <sup>F</sup>Revised.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 5. Detailed Net Company Interest Statistics: 1976 to 1980

Item	Unit of measure	1980	1979	1978	1977	1976	Index (1977=100)			
							1980	1979	1978	1976
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	2,455.5	2,551.6	2,388.4	2,347.6	104.5	102.8	106.8	98.3
From stripper well leases.....	..do.....	290.0	302.3	316.5	293.7	269.6	98.7	102.9	107.8	91.8
Lease condensate.....	..do.....	106.8	108.8	114.9	111.9	112.4	95.4	97.2	102.7	100.4
Natural gas.....	Bil. cu. ft.	14,711.9	14,786.5	15,160.0	15,382.1	15,893.1	95.6	96.1	98.6	103.3
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	74,903.0	48,430.8	38,279.7	33,955.6	29,366.8	220.6	142.6	112.7	86.5
Crude petroleum.....	..do.....	49,371.7	28,938.0	22,116.6	19,963.4	18,624.1	247.3	145.0	110.8	93.3
Lease condensate.....	..do.....	47,162.8	27,601.2	20,993.2	18,960.6	17,707.0	248.7	145.6	110.7	93.4
Natural gas.....	..do.....	2,208.9	1,336.8	1,123.4	1,002.8	917.0	220.3	133.3	112.0	91.4
Income from oil and gas royalties	..do.....	23,442.7	18,070.2	14,880.7	12,858.9	9,771.7	182.3	140.5	115.7	76.0
Other lease revenues from pro-	..do.....	1,708.6	1,128.1	1,039.6	984.8	856.3	173.5	114.6	105.6	87.0
ducing operations.....	..do.....	380.0	294.5	242.8	148.5	114.5	255.9	198.3	163.5	77.1
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	62,655.0	44,686.4	30,373.3	25,725.1	22,558.7	243.6	173.7	118.1	87.7
Drilling and equipping wells <sup>1</sup> ..	..do.....	20,830.8	15,617.2	9,367.9	7,794.9	7,183.9	267.2	200.4	120.2	92.3
Dry holes.....	..do.....	8,678.6	5,619.2	4,098.3	3,220.8	2,467.1	269.5	174.5	127.2	76.6
Oil wells.....	..do.....	3,615.4	2,565.2	2,215.2	1,637.6	1,292.4	220.8	156.6	135.3	78.9
Gas wells.....	..do.....	1,281.8	714.0	453.3	412.1	368.2	311.0	173.3	110.0	89.3
Work-in-progress adjustment..	..do.....	2,219.5	1,459.1	1,090.6	750.1	666.6	295.9	194.5	145.4	88.9
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	881.0	339.1	420.9	139.7	371.1	209.3	80.6	33.2
Land department leasing and scouting.....	..do.....	7,899.2	7,036.5	2,885.4	2,579.5	3,024.3	306.2	272.8	111.9	117.2
Geological and geophysical.....	..do.....	274.7	223.5	163.6	164.1	126.3	167.5	136.2	99.7	77.0
Lease rents.....	..do.....	1,871.0	1,218.2	1,028.7	833.3	692.3	224.5	146.2	123.4	83.1
Test hole contributions.....	..do.....	429.1	311.6	285.3	245.8	206.7	174.6	126.8	116.1	84.1
Other exploration expenditures, including direct overhead.....	..do.....	28.0	23.0	24.5	32.7	21.7	85.6	70.3	74.9	66.4
General and administrative overhead, not reported elsewhere.....	..do.....	757.4	523.5	393.5	305.2	240.6	248.2	171.5	128.9	78.8
Development expenditures.....	..do.....	892.8	661.7	488.8	413.5	404.8	215.9	160.0	118.2	97.9
Drilling and equipping wells <sup>1</sup> ..	..do.....	19,578.9	17,303.6	11,010.7	9,212.9	7,734.8	212.5	187.8	119.5	84.0
Dry holes.....	..do.....	10,193.4	7,972.5	6,838.7	5,712.9	4,154.4	178.4	139.6	119.7	72.7
Oil wells.....	..do.....	951.2	875.8	788.6	645.6	453.4	147.3	135.7	122.1	70.2
Gas wells.....	..do.....	3,609.4	2,630.2	2,240.5	2,398.8	1,587.6	150.5	109.6	93.4	66.2
Work-in-progress adjustment..	..do.....	4,150.7	3,378.6	2,825.4	2,116.6	1,465.4	196.1	159.6	133.5	69.2
Lease equipment.....	..do.....	1,482.1	1,087.9	984.2	551.9	648.0	268.5	197.1	178.3	117.4
Lease and land acquisitions of producing acreage.....	..do.....	3,572.8	2,146.0	2,175.0	1,607.9	1,486.8	222.2	133.5	135.3	92.5
Fluid injection and improved recovery programs.....	..do.....	3,414.6	5,511.3	450.1	382.8	381.4	892.0	1,439.7	117.6	99.6
Other development expenditures, including direct overhead.....	..do.....	941.2	528.3	639.3	461.4	378.4	204.0	114.5	138.6	82.0
General and administrative overhead, not reported elsewhere.....	..do.....	712.5	544.3	467.5	672.3	978.9	106.0	81.0	69.5	145.6
Production expenditures.....	..do.....	744.4	601.2	440.1	375.7	354.8	198.1	160.0	117.1	94.4
Direct operating expenditures..	..do.....	22,245.2	11,765.6	9,994.6	8,717.4	7,639.9	255.2	135.0	111.7	87.6
Operating and maintenance.....	..do.....	9,461.9	7,295.3	6,152.2	5,277.9	4,507.4	179.3	138.2	116.6	85.4
Well workovers.....	..do.....	7,507.9	5,754.7	4,876.9	4,248.1	3,647.2	176.7	135.5	114.8	85.9
Other direct expenses.....	..do.....	1,213.6	1,001.1	777.6	703.9	577.2	172.4	142.2	110.5	82.0
Indirect operating expenditures	..do.....	740.5	539.7	497.7	325.9	283.0	227.2	165.6	152.7	86.8
Ad valorem, production, and severance taxes.....	..do.....	12,783.4	4,470.3	3,842.5	3,439.5	3,132.5	371.7	130.0	111.7	91.1
General and administrative overhead.....	..do.....	4,564.9	2,750.4	2,379.0	2,098.9	1,897.9	217.5	131.0	113.3	90.4
Other indirect expenses including Federal excise taxes <sup>2</sup> .....	..do.....	1,709.8	1,181.3	1,069.8	905.2	865.5	188.9	130.5	118.2	95.6
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....	Mil. dol....	6,508.7	538.6	393.6	435.6	369.1	1,494.2	123.6	90.4	84.7
Capitalized expenditures.....	..do.....	128,414.5	106,587.3	94,433.8	83,867.7	(NA)	153.1	127.1	112.6	(NA)
Retirement and dispositions.....	..do.....	33,523.5	27,332.6	17,074.8	13,832.5	11,663.2	242.4	197.6	123.4	84.3
Gross book value of fixed assets (end of year) <sup>3</sup> .....	..do.....	5,720.5	6,106.2	5,861.3	3,268.3	(NA)	175.0	186.8	179.3	(NA)
Depletion, depreciation, and amortization of fixed assets:										
Cost during the year.....	..do.....	156,217.5	127,813.7	105,647.4	94,413.9	81,758.8	165.5	135.4	111.9	86.6
Accumulated cost, end of the year.....	..do.....	10,764.5	8,873.5	6,790.9	5,506.5	(NA)	195.5	161.1	123.3	(NA)
	..do.....	59,818.8	48,552.6	44,099.3	40,250.4	(NA)	148.6	120.6	109.6	(NA)

Note: Detailed figures may not add to totals because of independent rounding.

(NA) Not available.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Figures for other indirect expenses do not include Federal excise taxes for years prior to 1980.

<sup>3</sup>Figures for gross book value of fixed assets (end of year) differ from following year assets (beginning of year) for various reasons such as revisions reported by respondents, accounting method modifications, company organization changes, and changes in the survey panel.

Table 6A. Sales and Expenditures Statistics Ranked by Total Lease Revenues: 1980

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,495.2	1,334.3	467.8	181.6	63.5	75.1
From stripper well leases.....	..do.....	290.0	87.7	61.7	12.7	6.2	11.9
Lease condensate.....	..do.....	106.8	42.4	24.1	4.9	4.9	7.3
Natural gas.....	Bil. cu. ft.	14,711.9	5,428.5	3,177.0	1,231.6	658.3	1,188.9
Lease revenues.....							
Crude petroleum and condensate...	Mil. dol....	74,903.0	33,665.6	14,248.7	6,165.6	2,900.4	3,868.2
Crude petroleum.....	..do.....	49,371.7	24,916.4	9,309.7	3,861.2	1,421.1	1,683.0
Lease condensate.....	..do.....	47,162.8	24,047.4	8,831.9	3,755.7	1,310.3	1,522.8
Natural gas.....	..do.....	2,208.9	869.0	477.8	105.5	110.8	160.2
Income from oil and gas royalties	..do.....	23,442.7	8,178.5	4,374.7	2,123.4	1,342.8	2,119.3
Other lease revenues from producing operations.....	..do.....	1,708.6	475.8	422.4	181.0	136.5	48.9
		380.0	95.0	141.8			
Expenditures (capitalized and expensed).....							
Exploration expenditures.....	..do.....	62,655.0	24,096.7	14,472.7	4,145.3	2,350.5	3,772.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	20,830.8	7,714.1	4,032.7	1,744.9	725.3	1,524.5
Dry holes.....	..do.....	8,678.6	2,911.4	1,208.4	753.6	354.0	709.0
Oil wells.....	..do.....	3,615.4	1,128.4	530.8	284.4	199.4	260.5
Gas wells.....	..do.....	1,281.8	429.0	109.9	97.8	32.1	87.7
Work-in-progress adjustment.....	..do.....	2,219.5	647.4	268.3	194.0	68.0	273.2
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	706.6	299.4	177.5	54.5	87.6
Land department leasing and scouting.....	..do.....	7,899.2	2,932.8	2,053.3	645.0	225.0	512.8
Geological and geophysical.....	..do.....	274.7	72.6	35.1	44.3	9.5	37.2
Lease rents.....	..do.....	1,871.0	978.4	309.0	194.4	73.6	97.2
Test hole contributions.....	..do.....	429.1	121.9	56.6	27.7	20.0	37.5
Other exploration expenditures, including direct overhead.....	..do.....	28.0	15.9	3.4	1.4	0.3	1.3
General and administrative overhead, not reported elsewhere.....	..do.....	757.4	240.0	265.2	48.9	20.0	75.1
		892.8	441.1	101.7	29.7	22.8	54.6
Development expenditures.....							
Drilling and equipping wells <sup>1 2</sup>	..do.....	19,578.9	5,941.1	5,690.9	1,110.9	926.4	1,281.3
Dry holes.....	..do.....	10,193.4	3,258.5	1,709.7	668.4	600.4	743.3
Oil wells.....	..do.....	951.2	226.6	118.3	27.7	53.7	69.6
Gas wells.....	..do.....	3,609.4	1,397.3	524.3	227.4	165.6	194.0
Work-in-progress adjustment.....	..do.....	4,150.7	966.6	616.9	314.3	316.7	382.9
Lease equipment <sup>3</sup> .....	..do.....	1,482.1	667.9	450.2	99.0	64.3	96.8
Lease and land acquisitions of producing acreage.....	..do.....	3,572.8	1,679.3	708.7	291.6	45.0	279.0
Fluid injection and improved recovery programs.....	..do.....	3,414.6	50.9	2,891.9	98.2	206.2	119.1
Other development expenditures, including direct overhead.....	..do.....	941.2	376.2				
General and administrative overhead, not reported elsewhere.....	..do.....	712.5	258.7	227.1	26.9	54.3	29.5
		744.4	317.5	153.6	25.9	20.6	42.8
Production expenditures.....							
Direct operating expenditures..	..do.....	22,245.2	10,441.5	4,749.1	1,289.5	698.8	966.8
Operating and maintenance....	..do.....	9,461.9	3,692.4	2,113.9	616.8	380.6	445.7
Well workovers.....	..do.....	7,507.9	2,845.8	1,700.6	507.2	332.6	347.7
Other direct expenses.....	..do.....	1,213.6	548.5	221.1	68.5	48.0	98.0
Indirect operating expenditures	..do.....	740.5	298.1	192.2			
Ad valorem, production, and severance taxes.....	..do.....	12,783.4	6,749.1	2,635.2	672.7	318.2	521.2
General and administrative overhead.....	..do.....	4,564.9	2,349.2	880.5	225.1	200.8	204.6
Other indirect expenses including Federal excise taxes	..do.....	1,709.8	855.1	232.0	84.3	34.0	97.3
		6,508.7	3,544.8	1,522.7	363.3	83.3	219.2

See footnotes at end of table.

Table 6A. Sales and Expenditures Statistics Ranked by Total Lease Revenue: 1980—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,122.2	36.3	39.2	2,197.7	47.4	29.6	2,274.7	220.5
From stripper well leases.....	..do.....	180.2	6.0	8.2	194.5	8.2	7.9	210.6	79.5
Lease condensate.....	..do.....	83.6	3.6	4.4	91.5	4.3	2.9	98.7	8.1
Natural gas.....	Bil. cu. ft.	11,684.3	532.6	553.7	12,770.6	461.1	271.9	13,503.6	1,208.2
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	60,848.5	1,950.7	2,143.1	64,942.4	1,980.6	1,182.9	68,105.9	6,797.1
Crude petroleum.....	..do.....	41,191.4	822.9	988.0	43,002.4	1,031.9	681.7	44,715.9	4,655.7
Lease condensate.....	..do.....	39,468.2	743.2	898.4	41,109.8	942.4	624.7	42,676.9	4,485.9
Natural gas.....	..do.....	1,723.3	79.8	89.6	1,892.6	89.5	56.9	2,039.0	169.9
Income from oil and gas royalties	..do.....	18,138.7	1,044.8	1,074.6	20,258.2	835.5	459.6	21,553.3	1,889.3
Other lease revenues from pro- ducing operations.....	..do.....	1,248.6	79.2	63.4	1,391.3	77.8	24.9	1,493.9	214.7
Expenditures (capitalized and expensed).....	..do.....	269.8	3.8	17.0	290.6	35.4	16.7	342.7	37.3
Exploration expenditures.....	..do.....	48,837.8	1,921.6	2,171.9	52,931.3	2,497.8	1,090.5	56,519.6	6,135.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	15,741.6	816.4	884.9	17,442.8	1,060.9	357.7	18,861.4	1,969.4
Dry holes.....	..do.....	5,936.4	348.1	460.1	6,744.7	526.0	181.1	7,451.8	1,226.8
Oil wells.....	..do.....	2,403.6	187.2	200.8	2,791.6	285.6	65.1	3,142.3	473.1
Gas wells.....	..do.....	756.5	56.3	73.2	886.0	96.3	30.4	1,012.6	269.2
Work-in-progress adjustment..	..do.....	1,450.9	101.5	164.3	1,716.6	107.1	74.6	1,898.3	321.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,325.5	3.1	21.8	1,350.5	37.1	11.1	1,398.6	163.3
Land department leasing and scouting.....	..do.....	6,368.8	334.3	276.1	6,979.2	386.0	131.4	7,496.7	402.6
Geological and geophysical.....	..do.....	198.6	15.8	13.0	227.5	17.3	5.0	249.7	25.0
Lease rents.....	..do.....	1,652.5	54.1	45.4	1,752.1	58.2	12.5	1,822.8	48.2
Test hole contributions.....	..do.....	263.6	19.3	19.3	302.2	23.5	7.9	333.6	95.6
Other exploration expenditures, including direct overhead....	..do.....	22.3	0.5	2.7	25.6	0.4	0.1	26.1	1.9
General and administrative overhead, not reported elsewhere.....	..do.....	649.3	13.6	24.9	687.7	15.5	6.7	710.0	47.4
Development expenditures.....	..do.....	649.9	30.7	43.3	723.9	33.9	12.9	770.7	122.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	14,950.6	607.4	780.7	16,338.7	918.3	424.5	17,681.5	1,897.4
Dry holes.....	..do.....	6,980.3	421.2	539.6	7,941.1	529.0	324.7	8,794.9	1,398.5
Oil wells.....	..do.....	495.9	58.6	72.2	626.8	72.4	24.8	724.0	227.2
Gas wells.....	..do.....	2,508.7	126.6	174.1	2,809.5	158.6	119.2	3,087.2	522.2
Work-in-progress adjustment..	..do.....	2,597.5	230.2	260.5	3,088.2	271.1	173.9	3,533.1	617.6
Lease equipment <sup>3</sup> .....	..do.....	1,378.2	5.7	32.7	1,416.7	27.0	6.8	1,450.5	31.6
Lease and land acquisitions of producing acreage.....	..do.....	3,003.5	95.2	55.0	3,153.6	125.7	39.2	3,318.6	254.2
Fluid injection and improved recovery programs.....	..do.....	2,907.2	48.4	141.3	3,084.9	212.1	40.1	3,320.5	94.1
Other development expenditures, including direct overhead....	..do.....	902.8							
General and administrative overhead, not reported elsewhere.....	..do.....	596.4	16.1	14.7	627.2	25.1	9.3	661.6	50.9
Production expenditures.....	..do.....	560.3	26.5	30.2	617.0	26.3	11.2	654.4	90.0
Direct operating expenditures..	..do.....	18,145.7	497.8	506.3	19,149.8	518.6	308.3	19,976.7	2,268.6
Operating and maintenance....	..do.....	7,249.4	250.8	245.2	7,745.5	259.6	142.0	8,147.1	1,314.8
Well workovers.....	..do.....	5,733.9	225.1	206.7	6,165.7	218.3	116.5	6,500.4	1,007.4
Other direct expenses.....	..do.....	931.6	20.4	24.9	976.9	30.5	15.8	1,023.2	190.4
Indirect operating expenditures	..do.....	583.9	5.3	13.6	602.8	10.8	9.8	623.5	117.0
Ad valorem, production, and severance taxes.....	..do.....	10,896.3	247.0	261.0	11,404.3	259.0	166.3	11,829.6	953.7
General and administrative overhead.....	..do.....	3,860.2	101.5	117.6	4,079.3	113.6	61.1	4,254.0	310.9
Other indirect expenses in- cluding Federal excise taxes	..do.....	1,302.8	29.9	39.3	1,372.0	49.2	38.1	1,459.3	250.4
	..do.....	5,733.3	115.6	104.2	5,953.0	96.2	67.1	6,116.3	392.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 6B. Drilling and Asset Related Account Statistics Ranked by Total Lease Revenues:  
1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenues				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	3,615.4	1,128.4	530.8	284.4	199.4	260.5
Number of wells.....	Number.....	6,292	584	257	169	145	230
Total footage drilled.....	Thou. ft....	37,506	5,581	2,555	1,418	1,327	1,956
Exploration oil wells:							
Expenditures.....	Mil. dol....	1,281.8	429.0	109.9	97.8	32.1	87.7
Number of wells.....	Number.....	2,847	343	95	129	39	72
Total footage drilled.....	Thou. ft....	15,912	2,974	811	943	329	590
Exploration gas wells:							
Expenditures.....	Mil. dol....	2,219.5	647.4	268.3	194.0	68.0	273.2
Number of wells.....	Number.....	2,100	286	101	135	68	133
Total footage drilled.....	Thou. ft....	15,619	3,049	1,241	1,099	607	1,152
Development dry holes:							
Expenditures.....	Mil. dol....	951.2	226.6	118.3	27.7	53.7	69.6
Number of wells.....	Number.....	2,976	226	138	44	167	139
Total footage drilled.....	Thou. ft....	15,051	1,734	1,031	283	1,051	964
Development oil wells:							
Expenditures.....	Mil. dol....	3,609.4	1,397.3	524.3	227.4	165.6	194.0
Number of wells.....	Number.....	11,242	2,658	1,721	492	313	395
Total footage drilled.....	Thou. ft....	50,409	13,604	6,617	2,127	1,475	2,446
Development gas wells:							
Expenditures.....	Mil. dol....	4,150.7	966.6	616.9	314.3	316.7	382.9
Number of wells.....	Number.....	6,666	795	513	157	450	491
Total footage drilled.....	Thou. ft....	41,507	6,881	4,262	1,332	3,110	3,203
Expenditures for platforms.....	Mil. dol....	958.8	300.7	245.8	47.5	26.6	162.2
Drilling platforms <sup>1</sup> .....	..do.....	607.2	237.9	185.1	47.5	26.6	85.4
Production platforms <sup>2</sup> .....	..do.....	351.7	62.7	60.7			76.9
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....							
Oil and gas field properties.....	..do.....	128,414.5	53,660.4	25,202.6	10,238.6	4,816.0	9,125.1
Buildings, other structures, and machinery.....	..do.....	126,016.5	52,808.8	24,952.3	10,084.7	4,748.6	9,002.1
Capitalized expenditures.....	..do.....	2,398.0	851.5	250.4	153.9	67.4	123.0
Oil and gas field properties.....	..do.....	33,523.5	10,449.6	9,089.2	2,495.6	1,601.3	2,610.7
Buildings, other structures, and machinery.....	..do.....	32,343.3	10,449.6	9,089.2	2,466.6	1,579.9	2,562.5
	..do.....	1,180.1			29.0	21.5	48.2
Retirement and dispositions.....	..do.....	5,720.5	1,117.7	1,037.7	364.0	455.3	1,468.7
Oil and gas field properties.....	..do.....	5,327.6	1,117.7	1,037.7	353.0	448.9	1,453.4
Buildings, other structures, and machinery.....	..do.....	392.9			11.0	6.4	15.4
Gross book value of fixed assets (end of year).....							
Oil and gas field properties.....	..do.....	156,217.5	62,992.3	33,254.2	12,370.2	5,962.1	10,267.1
Buildings, other structures, and machinery.....	..do.....	153,032.3	61,748.8	32,931.4	12,198.3	5,879.6	10,111.2
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	3,185.2	1,243.5	322.8	171.9	82.5	155.8
Oil and gas field properties.....	..do.....	10,764.5	4,051.2	2,308.5	913.6	482.5	793.9
Buildings, other structures, and machinery.....	..do.....	10,560.4	3,984.0	2,280.4	903.5	474.7	785.2
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	204.1	67.2	28.1	10.1	7.8	8.7
Oil and gas field properties.....	..do.....	59,818.8	25,983.7	13,354.9	4,927.8	1,794.4	3,370.3
Buildings, other structures, and machinery.....	..do.....	58,740.8	25,570.3	13,212.1	4,858.6	1,765.0	3,316.4
	..do.....	1,077.9	413.4	142.8	69.2	29.5	53.9

See footnotes at end of table.



Table 6B. Drilling and Asset Related Account Statistics Ranked by Total Lease Revenues:  
1980—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	2,403.6	187.2	200.8	2,791.6	285.6	65.1	3,142.3	473.1
Number of wells.....	Number.....	1,386	185	323	1,893	425	259	2,578	3,714
Total footage drilled.....	Thou. ft....	12,837	1,507	2,454	16,798	2,977	1,401	21,176	16,330
Exploration oil wells:									
Expenditures.....	Mil. dol....	756.5	56.3	73.2	886.0	96.3	30.4	1,012.6	269.2
Number of wells.....	Number.....	678	79	89	845	161	157	1,164	1,684
Total footage drilled.....	Thou. ft....	5,647	494	663	6,804	1,269	795	8,868	7,044
Exploration gas wells:									
Expenditures.....	Mil. dol....	1,450.9	101.5	164.3	1,716.6	107.1	74.6	1,898.3	321.1
Number of wells.....	Number.....	724	54	117	895	160	103	1,158	941
Total footage drilled.....	Thou. ft....	7,148	568	938	8,654	1,048	763	10,465	5,154
Development dry holes:									
Expenditures.....	Mil. dol....	495.9	58.6	72.2	626.8	72.4	24.8	724.0	227.2
Number of wells.....	Number.....	714	98	170	982	144	117	1,242	1,734
Total footage drilled.....	Thou. ft....	5,063	709	1,119	6,891	975	558	8,424	6,627
Development oil wells:									
Expenditures.....	Mil. dol....	2,508.7	126.6	174.1	2,809.5	158.6	119.2	3,087.2	522.2
Number of wells.....	Number.....	5,580	289	986	6,855	392	541	7,788	3,453
Total footage drilled.....	Thou. ft....	26,269	1,407	3,399	31,075	2,552	2,940	36,567	13,842
Development gas wells:									
Expenditures.....	Mil. dol....	2,597.5	230.2	260.5	3,088.2	271.1	173.9	3,533.1	617.6
Number of wells.....	Number.....	2,407	215	465	3,088	456	484	4,027	2,639
Total footage drilled.....	Thou. ft....	18,788	1,769	2,714	23,271	2,693	2,561	28,525	12,982
Expenditures for platforms.....	Mil. dol....	782.8	41.0	55.1	878.9	52.4		931.4	27.5
Drilling platforms <sup>1</sup> .....	..do.....	524.9	21.3	28.3	574.5	24.8		599.3	7.9
Production platforms <sup>2</sup> .....	..do.....	257.9	19.7	26.8	304.4	27.7		332.1	19.5
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....									
Oil and gas field properties.....	..do.....	103,042.8	4,843.4	4,342.9	112,229.0	4,828.4	1,852.1	118,909.6	9,504.9
Buildings, other structures, and machinery.....	..do.....	101,596.6	4,782.4	4,232.0	110,611.0	4,634.6	1,779.0	117,024.6	8,991.9
Capitalized expenditures.....	..do.....	1,446.2	61.0	110.8	1,618.0	193.9	73.1	1,885.0	513.0
Oil and gas field properties.....	..do.....	26,246.4	1,320.0	1,410.1	28,976.5	1,662.3	622.3	31,261.1	2,262.4
Buildings, other structures, and machinery.....	..do.....	25,368.0	1,309.4	1,360.5	28,037.9	1,577.5	597.2	30,212.6	2,130.7
Retirement and dispositions.....	..do.....	878.4	10.6	49.7	938.6	84.8	25.0	1,048.5	131.7
Oil and gas field properties.....	..do.....	4,443.3	137.2	211.4	4,791.8	235.4	80.2	5,107.4	613.1
Buildings, other structures, and machinery.....	..do.....	4,095.2	131.5	208.2	4,434.9	228.0	77.3	4,740.1	587.4
Gross book value of fixed assets (end of year).....	..do.....	348.1	5.7	3.2	357.0	7.4	2.9	367.3	25.6
Oil and gas field properties.....	..do.....	4,443.3	137.2	211.4	4,791.8	235.4	80.2	5,107.4	613.1
Buildings, other structures, and machinery.....	..do.....	4,095.2	131.5	208.2	4,434.9	228.0	77.3	4,740.1	587.4
Gross book value of fixed assets (end of year).....	..do.....	124,845.9	6,026.2	5,541.6	136,413.7	6,255.4	2,394.2	145,063.2	11,154.3
Oil and gas field properties.....	..do.....	122,869.4	5,960.3	5,384.3	134,214.0	5,984.1	2,299.0	142,497.1	10,535.2
Buildings, other structures, and machinery.....	..do.....	1,976.5	65.9	157.3	2,199.7	271.3	95.2	2,566.2	619.0
Depletion, depreciation, and amortization of fixed assets, cost during the year.....									
Oil and gas field properties.....	..do.....	8,549.7	498.3	377.8	9,425.8	397.0	175.0	9,997.8	766.7
Buildings, other structures, and machinery.....	..do.....	8,427.9	494.9	368.0	9,290.9	377.6	167.5	9,835.9	724.5
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	121.8	3.4	9.7	135.0	19.4	7.5	161.9	42.2
Oil and gas field properties.....	..do.....	8,549.7	498.3	377.8	9,425.8	397.0	175.0	9,997.8	766.7
Buildings, other structures, and machinery.....	..do.....	8,427.9	494.9	368.0	9,290.9	377.6	167.5	9,835.9	724.5
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	49,431.0	2,225.4	1,722.2	53,378.6	1,857.1	740.7	55,976.5	3,842.3
Oil and gas field properties.....	..do.....	48,722.3	2,196.6	1,675.0	52,593.9	1,782.9	716.4	55,093.4	3,647.4
Buildings, other structures, and machinery.....	..do.....	708.8	28.8	47.1	784.7	74.1	24.3	883.1	194.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>2</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>3</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 7A. Sales and Expenditures Statistics Ranked by Net Assets: 1980

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by net assets <sup>1</sup>				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,495.2	1,113.4	627.7	210.1	49.7	88.7
From stripper well leases.....	..do.....	290.0	101.7	43.4	15.4	6.6	7.1
Lease condensate.....	..do.....	106.8	47.3	18.3	6.7	4.3	6.4
Natural gas.....	Bil. cu. ft.	14,711.9	6,077.5	2,631.3	1,151.6	825.4	834.1
Lease revenues:							
Crude petroleum and condensate...	Mil. dol....	74,903.0	31,019.6	16,095.6	6,282.1	2,934.1	3,612.1
Crude petroleum and condensate...	..do.....	49,371.7	21,406.9	11,803.0	4,140.8	1,173.9	1,973.5
Crude petroleum.....	..do.....	47,162.8	20,448.1	11,432.2	3,999.4	1,069.4	1,835.2
Lease condensate.....	..do.....	2,208.9	958.7	370.9	141.4	104.5	138.2
Natural gas.....	..do.....	23,442.7	8,983.0	3,853.5	2,003.3	1,581.1	1,525.7
Income from oil and gas royalties	..do.....	1,708.6	532.7	363.5	138.0	179.0	93.7
Other lease revenues from producing operations.....	..do.....	380.0	97.0	75.5			
Expenditures (capitalized and expensed):							
Exploration expenditures.....	..do.....	62,655.0	26,254.7	12,173.0	4,361.3	2,866.0	3,141.9
Drilling and equipping wells <sup>2 3</sup>	..do.....	20,830.8	8,034.4	3,902.7	1,602.7	1,137.4	1,245.7
Dry holes.....	..do.....	8,678.6	2,701.6	1,590.7	615.8	482.0	640.0
Oil wells.....	..do.....	3,615.4	1,022.4	626.2	288.8	191.4	344.6
Gas wells.....	..do.....	1,281.8	414.3	147.7	57.9	68.7	85.0
Work-in-progress adjustment..	..do.....	2,219.5	631.2	395.4	127.5	147.3	153.0
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	633.6	421.4	141.5	74.6	57.5
Land department leasing and scouting.....	..do.....	7,899.2	3,552.5	1,476.9	637.2	445.3	389.4
Geological and geophysical.....	..do.....	274.7	77.5	44.2	30.5	8.8	24.9
Lease rents.....	..do.....	1,871.0	913.4	418.0	133.2	78.0	93.1
Test hole contributions.....	..do.....	429.1	120.2	53.2	34.1	21.9	32.8
Other exploration expenditures, including direct overhead....	..do.....	28.0	14.4	5.1	1.0	1.1	0.5
General and administrative overhead, not reported elsewhere.....	..do.....	757.4	274.2	173.4	102.6	55.9	32.9
Development expenditures.....	..do.....	892.8	380.6	141.2	48.4	44.3	32.1
Drilling and equipping wells <sup>2 3</sup>	..do.....	19,578.9	8,367.4	3,335.7	1,114.7	1,049.0	1,076.3
Dry holes.....	..do.....	10,193.4	3,155.4	1,868.7	686.7	598.4	721.6
Oil wells.....	..do.....	951.2	203.5	137.8	56.6	34.2	108.5
Gas wells.....	..do.....	3,609.4	1,267.4	610.4	300.1	118.9	174.0
Work-in-progress adjustment..	..do.....	4,150.7	1,005.1	673.2	314.1	298.7	345.0
Lease equipment <sup>4</sup> .....	..do.....	1,482.1	679.4	447.3	16.0	146.6	94.1
Lease and land acquisitions of producing acreage.....	..do.....	3,572.8	1,590.9	851.6	230.6	170.4	140.1
Fluid injection and improved recovery programs.....	..do.....	3,414.6	2,869.4	432.4	4.1	221.8	123.8
Other development expenditures, including direct overhead....	..do.....	941.2			76.8	24.7	
General and administrative overhead, not reported elsewhere.....	..do.....	712.5	327.3	150.0	71.7	8.2	47.3
Production expenditures.....	..do.....	744.4	424.5	33.1	44.8	25.5	43.5
Direct operating expenditures..	..do.....	22,245.2	9,852.9	4,934.6	1,643.9	679.6	819.9
Operating and maintenance....	..do.....	9,461.9	3,721.6	1,978.6	762.1	316.6	375.3
Well workovers.....	..do.....	7,507.9	2,896.2	1,605.7	611.5	256.9	309.8
Other direct expenses.....	..do.....	1,213.6	507.4	231.7	96.9	59.7	65.4
Indirect operating expenditures	..do.....	740.5	318.0	141.1	53.7		
Ad valorem, production, and severance taxes.....	..do.....	12,783.4	6,131.3	2,956.0	881.8	363.0	444.6
General and administrative overhead.....	..do.....	4,564.9	1,990.4	1,166.4	259.7	188.5	209.3
Other indirect expenses including Federal excise taxes	..do.....	1,709.8	841.8	201.9	108.6	31.3	71.6
	..do.....	6,508.7	3,299.1	1,587.6	513.5	143.2	163.8

See footnotes at end of table.

Table 7A. Sales and Expenditures Statistics Ranked by Net Assets: 1980—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by net assets <sup>1</sup> --Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,089.6	42.3	40.1	2,172.0	37.4	31.2	2,240.5	254.6
From stripper well leases.....	..do.....	174.3	5.7	6.5	186.5	7.5	8.6	202.6	87.5
Lease condensate.....	..do.....	83.0	4.1	4.4	91.5	3.8	2.0	97.4	9.4
Natural gas.....	Bil. cu. ft.	11,519.9	502.5	677.1	12,699.6	473.2	251.0	13,423.8	1,288.1
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	59,943.5	1,945.5	2,305.3	64,194.2	1,779.8	1,211.6	67,185.7	7,717.3
Crude petroleum and condensate...	..do.....	40,498.0	955.0	928.6	42,381.7	860.9	746.7	43,989.2	5,382.4
Crude petroleum.....	..do.....	38,784.4	865.7	836.3	40,486.4	779.4	703.6	41,969.5	5,193.4
Lease condensate.....	..do.....	1,713.6	89.3	92.3	1,895.2	81.5	43.1	2,019.8	189.1
Natural gas.....	..do.....	17,946.7	951.4	1,282.1	20,180.2	829.4	398.9	21,408.5	2,034.1
Income from oil and gas royalties	..do.....	1,230.7	34.2	81.2	1,346.1	72.9	52.5	1,471.5	237.1
Other lease revenues from pro- ducing operations.....	..do.....	268.1	4.8	13.4	286.3	16.6	13.5	316.4	63.6
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	48,797.0	2,098.8	2,356.5	53,252.3	1,985.2	1,104.0	56,341.5	6,313.5
Drilling and equipping wells <sup>2</sup> 3	..do.....	15,923.0	842.6	1,020.5	17,786.0	834.5	384.6	19,005.2	1,825.7
Dry holes.....	..do.....	6,030.1	358.8	467.5	6,856.4	407.8	218.9	7,483.2	1,195.4
Oil wells.....	..do.....	2,473.5	176.8	218.9	2,869.2	212.4	95.0	3,176.6	438.8
Gas wells.....	..do.....	773.6	58.3	43.4	875.2	51.8	51.1	978.2	303.6
Work-in-progress adjustment..	..do.....	1,454.4	110.6	168.4	1,733.4	126.8	64.9	1,925.1	294.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,328.6	13.2	36.9	1,378.7	16.8	7.8	1,403.4	158.6
Land department leasing and scouting.....	..do.....	6,501.4	335.6	316.0	7,153.0	322.3	92.1	7,567.4	331.8
Geological and geophysical.....	..do.....	185.9	25.8	16.9	228.6	9.5	11.7	249.8	24.9
Geological and geophysical.....	..do.....	1,635.6	58.2	81.2	1,775.0	36.1	17.1	1,828.2	42.8
Lease rents.....	..do.....	262.3	14.4	60.4	337.1	15.2	12.1	363.5	65.7
Test hole contributions.....	..do.....	22.1	3.1	0.2	25.3	15.2	12.1	26.3	1.7
Other exploration expenditures, including direct overhead.....	..do.....	639.1	15.4	25.6	680.0	15.5	7.9	703.5	53.8
General and administrative overhead, not reported elsewhere.....	..do.....	646.6	31.2	52.6	730.4	28.0	24.8	783.2	109.6
Development expenditures.....									
Drilling and equipping wells <sup>2</sup> 3	..do.....	14,943.2	805.3	820.5	16,569.1	704.2	346.8	17,620.0	1,958.9
Dry holes.....	..do.....	7,030.7	473.3	512.7	8,016.7	482.6	252.7	8,752.0	1,441.4
Oil wells.....	..do.....	540.6	48.3	59.1	648.0	46.4	27.2	721.6	229.6
Gas wells.....	..do.....	2,470.7	153.8	143.1	2,767.7	161.2	128.9	3,057.7	551.7
Work-in-progress adjustment..	..do.....	2,636.1	236.5	300.2	3,172.8	269.8	87.7	3,530.3	620.4
Lease equipment <sup>4</sup> .....	..do.....	1,383.3	34.7	10.2	1,428.2	5.3	8.8	1,442.3	39.8
Lease and land acquisitions of producing acreage.....	..do.....	2,983.7	71.6	132.9	3,188.2	81.1	43.2	3,312.5	260.3
Fluid injection and improved recovery programs.....	..do.....	2,872.6	223.1	116.6	3,212.2	109.0	20.9	3,342.2	72.4
Other development expenditures, including direct overhead.....	..do.....	880.4	3.8	14.8	898.9	3.7	5.2	907.9	33.3
General and administrative overhead, not reported elsewhere.....	..do.....	604.5	8.1	16.2	628.8	9.9	7.7	646.4	66.1
Production expenditures.....									
Direct operating expenditures..	..do.....	571.4	25.5	27.4	624.2	17.8	17.0	659.0	85.4
Operating and maintenance....	..do.....	17,930.8	450.9	515.5	18,897.2	446.5	372.6	19,716.2	2,529.0
Well workovers.....	..do.....	7,154.1	247.3	246.7	7,648.0	207.3	180.4	8,035.7	1,426.2
Other direct expenses.....	..do.....	5,680.1	193.9	208.7	6,082.7	173.7	138.6	6,395.1	1,112.8
Indirect operating expenditures	..do.....	916.2	53.4	38.0	971.1	25.4	22.8	1,019.3	194.3
Ad valorem, production, and severance taxes.....	..do.....	557.8	53.4	38.0	594.2	8.2	18.9	621.3	119.1
General and administrative overhead.....	..do.....	10,776.8	203.6	268.8	11,249.2	239.2	192.2	11,680.5	1,102.8
Other indirect expenses in- cluding Federal excise taxes	..do.....	3,814.3	103.6	105.0	4,022.9	90.0	79.9	4,192.8	372.1
	..do.....	1,255.2	55.4	47.3	1,357.9	46.1	42.3	1,446.4	263.4
	..do.....	5,707.2	44.6	116.5	5,868.3	103.1	70.0	6,041.4	467.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Net assets were derived for individual companies by subtracting the accumulated depletion, depreciation, and amortization from the gross book value of fixed assets (end of the year).<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 7B. Drilling and Assets Related Account Statistics Ranked by Net Assets: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by net assets <sup>1</sup>				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	3,615.4	1,022.4	626.2	288.8	191.4	344.6
Number of wells.....	Number.....	6,292	635	250	137	113	311
Total footage drilled.....	Thou. ft....	37,506	5,909	2,474	1,358	1,048	2,607
Exploration oil wells:							
Expenditures.....	Mil. dol....	1,281.8	414.3	147.7	57.9	68.7	85.0
Number of wells.....	Number.....	2,847	336	170	39	76	69
Total footage drilled.....	Thou. ft....	15,912	3,053	1,054	412	686	584
Exploration gas wells:							
Expenditures.....	Mil. dol....	2,219.5	631.2	395.4	127.5	147.3	153.0
Number of wells.....	Number.....	2,100	305	160	71	102	99
Total footage drilled.....	Thou. ft....	15,619	3,273	1,600	710	799	879
Development dry holes:							
Expenditures.....	Mil. dol....	951.2	203.5	137.8	56.6	34.2	108.5
Number of wells.....	Number.....	2,976	268	83	170	70	198
Total footage drilled.....	Thou. ft....	15,051	1,973	699	1,093	506	1,496
Development oil wells:							
Expenditures.....	Mil. dol....	3,609.4	1,267.4	610.4	300.1	118.9	174.0
Number of wells.....	Number.....	11,242	2,835	1,399	585	217	466
Total footage drilled.....	Thou. ft....	50,409	14,477	5,106	2,490	1,553	2,200
Development gas wells:							
Expenditures.....	Mil. dol....	4,150.7	1,005.1	673.2	314.1	298.7	345.0
Number of wells.....	Number.....	6,666	922	385	313	426	403
Total footage drilled.....	Thou. ft....	41,507	7,635	3,591	2,293	2,816	2,724
Expenditures for platforms.....	Mil. dol....	958.8	372.3	195.1	68.5	86.5	71.0
Drilling platforms <sup>2</sup> .....	..do.....	607.2	283.5	136.4	68.5	86.5	20.2
Production platforms <sup>3</sup> .....	..do.....	351.7	88.8	58.8			50.7
Gross book value of fixed assets (beginning of year) <sup>4</sup> :							
Oil and gas field properties.....	..do.....	128,414.5	53,930.4	25,105.2	10,566.4	5,543.8	7,866.6
Buildings, other structures, and machinery.....	..do.....	126,016.5	53,116.1	24,790.6	10,408.1	5,509.5	7,737.3
Capitalized expenditures.....	..do.....	2,398.0	814.3	314.6	158.3	34.3	129.3
Oil and gas field properties.....	..do.....	33,523.5	13,548.3	6,344.2	2,421.0	1,996.8	2,264.1
Buildings, other structures, and machinery.....	..do.....	32,343.3	13,548.3	6,344.2	2,386.5	1,996.8	2,210.4
	..do.....	1,180.1					34.5
Retirement and dispositions.....	..do.....	5,720.5	1,505.9	657.1	231.4	635.0	397.9
Oil and gas field properties.....	..do.....	5,327.6	1,505.9	657.1	221.4	635.0	388.2
Buildings, other structures, and machinery.....	..do.....	392.9					10.0
Gross book value of fixed assets (end of year).....							
Oil and gas field properties.....	..do.....	156,217.5	65,972.7	30,792.3	12,756.0	6,905.6	9,732.8
Buildings, other structures, and machinery.....	..do.....	153,032.3	64,774.8	30,392.9	12,573.3	6,872.2	9,559.5
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	3,185.2	1,198.0	399.4	182.8	33.4	173.3
Oil and gas field properties.....	..do.....	10,764.5	4,210.9	2,290.8	985.8	494.4	678.5
Buildings, other structures, and machinery.....	..do.....	10,560.4	4,140.2	2,262.9	974.1	491.0	670.7
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	204.1	70.7	27.9	11.7	3.4	7.8
Oil and gas field properties.....	..do.....	59,818.8	25,979.3	13,234.6	5,056.0	2,144.8	3,142.7
Buildings, other structures, and machinery.....	..do.....	58,740.8	25,572.3	13,068.9	4,985.7	2,133.9	3,085.7
	..do.....	1,077.9	407.0	165.7	70.2	10.9	57.0

See footnotes at end of table.

Table 7B. Drilling and Assets Related Account Statistics Ranked by Net Assets: 1980—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by net assets <sup>1</sup> —Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	2,473.5	176.8	218.9	2,869.1	212.4	95.0	3,176.6	438.8
Number of wells.....	Number.....	1,446	188	294	1,928	314	207	2,449	3,843
Total footage drilled.....	Thou. ft....	13,396	1,299	2,058	16,753	2,549	1,572	20,874	16,632
Exploration oil wells:									
Expenditures.....	Mil. dol....	773.6	58.3	43.4	875.2	51.8	51.1	978.2	303.6
Number of wells.....	Number.....	690	78	47	815	74	88	977	1,870
Total footage drilled.....	Thou. ft....	5,789	394	418	6,601	586	694	7,881	8,031
Exploration gas wells:									
Expenditures.....	Mil. dol....	1,454.4	110.6	168.4	1,733.4	126.8	64.9	1,925.1	294.4
Number of wells.....	Number.....	737	54	134	925	150	65	1,140	960
Total footage drilled.....	Thou. ft....	7,261	472	909	8,642	1,336	507	10,485	5,134
Development dry holes:									
Expenditures.....	Mil. dol....	540.6	48.3	59.1	648.0	46.4	27.2	721.6	229.6
Number of wells.....	Number.....	789	90	98	976	119	89	1,184	1,792
Total footage drilled.....	Thou. ft....	5,767	549	647	6,963	683	567	8,213	6,838
Development oil wells:									
Expenditures.....	Mil. dol....	2,470.7	153.8	143.1	2,767.7	161.2	128.9	3,057.7	551.7
Number of wells.....	Number.....	5,501	352	759	6,613	462	405	7,479	3,762
Total footage drilled.....	Thou. ft....	25,826	1,670	2,626	30,122	2,517	2,326	34,965	15,444
Development gas wells:									
Expenditures.....	Mil. dol....	2,636.1	236.5	300.2	3,172.8	269.8	87.7	3,530.3	620.4
Number of wells.....	Number.....	2,449	257	389	3,095	713	201	4,009	2,658
Total footage drilled.....	Thou. ft....	19,059	1,931	2,302	23,292	3,612	1,066	27,970	13,537
Expenditures for platforms.....	Mil. dol....	793.4	62.7	49.2	905.4	24.3	3.5	933.2	25.6
Drilling platforms <sup>2</sup> .....	..do.....	530.8	32.6	28.2	591.5	24.3	3.5	601.3	5.8
Production platforms <sup>3</sup> .....	..do.....	262.7	30.1	21.0	313.8			331.9	19.7
Gross book value of fixed assets (beginning of year) <sup>4</sup> :									
Oil and gas field properties.....	..do.....	103,012.4	4,641.8	5,439.8	113,093.9	3,756.0	1,903.5	118,753.5	9,661.0
Buildings, other structures, and machinery.....	..do.....	101,561.6	4,534.2	5,288.1	111,383.9	3,658.5	1,855.4	116,897.8	9,118.8
Capitalized expenditures.....	..do.....	1,450.8	107.6	151.6	1,710.0	97.6	48.1	1,855.7	542.2
Oil and gas field properties.....	..do.....	26,574.4	1,512.8	1,707.9	29,795.1	1,326.7	505.4	31,627.3	1,896.2
Buildings, other structures, and machinery.....	..do.....	25,695.2	1,468.9	1,627.4	28,791.5	1,293.7	495.3	30,580.5	1,762.8
Retirement and dispositions.....	..do.....	879.2	43.9	80.5	1,003.6	33.1	10.1	1,046.8	133.3
Oil and gas field properties.....	..do.....	3,427.3	149.3	256.7	3,833.4	170.0	85.6	4,089.0	1,631.4
Buildings, other structures, and machinery.....	..do.....	3,084.2	146.4	249.5	3,480.1	167.2	82.2	3,729.5	1,598.1
Oil and gas field properties.....	..do.....	343.1	2.9	7.2	353.3	2.8	3.4	359.5	33.3
Gross book value of fixed assets (end of year):									
Oil and gas field properties.....	..do.....	126,159.5	6,005.3	6,890.9	139,055.7	4,912.7	2,323.4	146,291.8	9,925.7
Buildings, other structures, and machinery.....	..do.....	124,172.6	5,856.8	6,666.0	136,695.4	4,784.9	2,268.5	143,748.8	9,283.5
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	1,986.8	148.5	225.0	2,360.3	127.8	54.9	2,543.0	642.2
Oil and gas field properties.....	..do.....	8,660.3	379.6	503.2	9,543.1	368.3	140.4	10,051.8	712.7
Buildings, other structures, and machinery.....	..do.....	8,538.9	372.1	487.8	9,398.7	358.1	133.4	9,890.3	670.2
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	121.4	7.5	15.4	144.4	10.2	7.0	161.5	42.6
Oil and gas field properties.....	..do.....	49,557.3	1,774.2	2,241.1	53,572.7	1,635.8	891.2	56,099.6	3,719.2
Buildings, other structures, and machinery.....	..do.....	48,846.6	1,741.9	2,179.8	52,768.3	1,594.0	868.9	55,231.2	3,509.6
Oil and gas field properties.....	..do.....	710.8	32.3	61.3	804.4	41.9	22.3	868.6	209.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Net assets were derived for individual companies by subtracting the accumulated depletion, depreciation, and amortization from the gross book value of fixed assets (end of the year).<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 8. Detailed Statistics, by Geographical Area: 1980

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
Sales volumes:						
Crude petroleum and condensate...	Mil. bbl....	2,495.2	490.0	27.1	1,708.3	269.8
From stripper well leases.....	..do.....	290.0	-	-	289.2	0.9
Lease condensate.....	..do.....	106.8	(D)	-	73.0	(D)
Natural gas.....	Bil. cu. ft.	14,711.9	160.1	-	10,155.5	4,396.3
Lease revenues.....	Mil. dol....	74,903.0	8,671.2	-	54,075.5	12,156.3
Crude petroleum and condensate...	..do.....	49,371.7	8,181.7	301.5	35,712.8	5,175.8
Crude petroleum.....	..do.....	47,162.8	8,181.7	301.5	35,712.8	5,175.8
Lease condensate.....	..do.....	2,208.9	-	-	-	-
Natural gas.....	..do.....	23,442.7	-	-	16,392.8	-
Income from oil and gas royalties	..do.....	1,708.6	188.0	-	1,646.9	-
Other lease revenues from producing operations.....	..do.....	380.0	-	-	323.0	6,980.5
Expenditures (capitalized and expensed).....	..do.....	62,655.0	(X)	(X)	(X)	(X)
Exploration expenditures.....	..do.....	20,830.8	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	8,678.6	117.6	62.3	6,097.4	2,401.4
Dry holes.....	..do.....	3,615.4	86.2	38.9	2,468.2	1,263.4
Oil wells.....	..do.....	1,281.8	-	-	1,040.5	-
Gas wells.....	..do.....	2,219.5	31.3	-	1,599.7	1,138.0
Work-in-progress adjustment.....	..do.....	1,561.9	-	23.4	989.0	-
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,899.2	39.7	343.7	3,059.5	4,456.3
Land department leasing and scouting.....	..do.....	274.7	3.0	0.9	233.1	37.9
Geological and geophysical.....	..do.....	1,871.0	64.3	63.5	1,431.4	311.9
Lease rents.....	..do.....	429.1	3.8	1.9	395.0	28.5
Test hole contributions.....	..do.....	28.0	7.3	-	18.6	2.1
Other exploration expenditures, including direct overhead.....	..do.....	757.4	(X)	(X)	(X)	(X)
General and administrative overhead, not reported elsewhere.....	..do.....	892.8	(X)	(X)	(X)	(X)
Development expenditures.....	..do.....	19,578.9	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	10,193.4	339.0	-	7,480.1	2,374.4
Dry holes.....	..do.....	951.2	(D)	-	761.0	(D)
Oil wells.....	..do.....	3,609.4	200.6	7.2	2,754.3	647.3
Gas wells.....	..do.....	4,150.7	(D)	-	3,021.3	(D)
Work-in-progress adjustment.....	..do.....	1,482.1	127.6	-	943.5	411.0
Lease equipment <sup>3</sup> .....	..do.....	3,572.8	504.4	1.5	2,115.2	951.7
Lease and land acquisitions of producing acreage.....	..do.....	3,414.6	-	-	2,827.2	587.4
Fluid injection and improved recovery programs.....	..do.....	941.2	19.9	-	912.2	9.1
Other development expenditures, including direct overhead.....	..do.....	712.5	(X)	(X)	(X)	(X)
General and administrative overhead, not reported elsewhere.....	..do.....	744.4	(X)	(X)	(X)	(X)
Production expenditures.....	..do.....	22,245.2	(X)	(X)	(X)	(X)
Direct operating expenditures.....	..do.....	9,461.9	265.0	87.1	7,474.5	1,635.2
Operating and maintenance.....	..do.....	7,507.9	235.4	63.1	5,945.8	1,263.6
Well workovers.....	..do.....	1,213.6	-	-	925.4	259.2
Other direct expenses.....	..do.....	740.5	29.6	24.1	603.4	112.4
Indirect operating expenditures	..do.....	12,783.4	(X)	(X)	(X)	(X)
Ad valorem, production, and severance taxes.....	..do.....	4,564.9	1,022.9	24.0	3,318.2	199.8
General and administrative overhead.....	..do.....	1,709.8	(X)	(X)	(X)	(X)
Other indirect expenses including Federal excise taxes.....	..do.....	6,508.7	959.9	93.5	4,596.5	858.8

See footnotes at end of table.

Table 8. Detailed Statistics, by Geographical Area: 1980—Continued

(Net company interest basis)						
Item	Unit of measure	United States, total	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
Drilling statistics:						
Exploration dry holes:						
Expenditures.....	Mil. dol....	3,615.4	(D)	(D)	2,468.2	(D)
Number of wells.....	Number.....	6,292	(D)	(D)	5,954	(D)
Total footage drilled.....	Thou. ft....	37,506	(D)	(D)	34,229	(D)
Exploration oil wells:						
Expenditures.....	Mil. dol....	1,281.8	(D)	(D)	1,040.5	(D)
Number of wells.....	Number.....	2,847	(D)	(D)	2,770	(D)
Total footage drilled.....	Thou. ft....	15,912	(D)	(D)	15,201	(D)
Exploration gas wells:						
Expenditures.....	Mil. dol....	2,219.5	(D)	-	1,599.7	(D)
Number of wells.....	Number.....	2,100	(D)	-	1,916	(D)
Total footage drilled.....	Thou. ft....	15,619	(D)	-	13,787	(D)
Development dry holes:						
Expenditures.....	Mil. dol....	951.2	(D)	-	761.0	(D)
Number of wells.....	Number.....	2,976	(D)	-	2,866	(D)
Total footage drilled.....	Thou. ft....	15,051	(D)	-	14,005	(D)
Development oil wells:						
Expenditures.....	Mil. dol....	3,609.4	200.6	7.2	2,754.3	647.3
Number of wells.....	Number.....	11,242	80	3	10,878	280
Total footage drilled.....	Thou. ft....	50,409	857	35	47,183	2,334
Development gas wells:						
Expenditures.....	Mil. dol....	4,150.7	(D)	-	3,021.3	(D)
Number of wells.....	Number.....	6,666	(D)	-	6,288	(D)
Total footage drilled.....	Thou. ft....	41,507	(D)	-	37,914	(D)
Expenditures for platforms.....	Mil. dol....	958.8	-	40.9		917.9
Drilling platforms <sup>2</sup> .....	..do.....	607.2	-	17.5		589.7
Production platforms <sup>3</sup> .....	..do.....	351.7	-	23.4		328.2
Gross book value of fixed assets (end of year) <sup>4</sup> .....						
Oil and gas field properties.....	..do.....	156,217.5	6,368.9	2,318.8	97,872.1	49,657.7
Buildings, other structures, and machinery.....	..do.....	153,032.3	6,076.2	2,309.9	95,220.1	49,426.1
		3,185.2	292.7	8.8	2,652.1	231.6

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (X) Not applicable.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 9. Detailed Statistics for the Offshore-Lower 48 States Ranked by Total Lease Revenues: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 50	Companies 51 to 200	All other companies
<b>Sales volumes:</b>							
Crude petroleum and condensate...	Mill. bbl....	269.8	130.5	55.6	66.6	15.0	2.1
From stripper well leases.....	..do.....	0.9	(D)	(Z)	(D)	0.2	-
Lease condensate.....	..do.....	(D)	12.0	7.7	5.1	(D)	0.7
Natural gas.....	Bil. cu. ft.	4,396.3	1,846.2	1,201.0	913.9	386.2	48.9
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>12,156.3</b>	<b>4,830.4</b>	<b>2,952.9</b>	<b>3,234.4</b>	<b>1,036.6</b>	<b>102.0</b>
Crude petroleum and condensate...	..do.....	5,175.8	2,420.8	1,035.1	1,395.3	293.4	31.2
Crude petroleum.....	..do.....	4,584.9	2,179.9	885.9	1,274.7	225.5	19.0
Lease condensate.....	..do.....	590.8	240.9	149.2	120.6	67.9	12.2
Natural gas.....	..do.....				1,831.4	735.0	68.3
Income from oil and gas royalties	..do.....				5.2	4.3	2.4
Other lease revenues from producing operations.....	..do.....	6,980.5	2,409.6	1,917.8	2.6	3.9	
<b>Expenditures (capitalized and expensed):</b>							
<b>Exploration expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	2,401.4	959.7	525.5	638.8	261.1	16.3
Dry holes.....	..do.....		405.7	233.7	243.2		9.6
Oil wells.....	..do.....	1,263.4	115.2	49.9	38.5	167.5	-
Gas wells.....	..do.....		179.3	116.1	222.3	88.7	
Work-in-progress adjustment..	..do.....	1,138.0	259.4	125.7	134.9	4.9	6.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	4,456.3	1,891.9	1,232.3	858.8	449.8	23.6
Land department leasing and scouting.....	..do.....	37.9	1.4	2.6	31.3	2.5	(Z)
Geological and geophysical.....	..do.....	311.9	130.0	61.7	97.8	21.1	1.3
Lease rents.....	..do.....	28.5	8.7	9.7	6.9	2.8	0.4
Test hole contributions.....	..do.....	2.1	1.4	0.2	(D)	(D)	-
<b>Development expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	2,374.4	842.3	621.5	617.0	277.8	15.8
Dry holes.....	..do.....	(D)	64.8	49.2	34.3	37.9	
Oil wells.....	..do.....	647.3	281.7	148.7	161.0	(D)	
Gas wells.....	..do.....	(D)	360.3	220.2	356.7	179.3	15.8
Work-in-progress adjustment..	..do.....	411.0	135.6	203.3	65.0	(D)	
Lease equipment <sup>1</sup> .....	..do.....	951.7	234.9	297.6	303.5	105.2	10.6
Lease and land acquisitions of producing acreage.....	..do.....	587.4	(D)	(D)	(D)	97.0	(Z)
Fluid injection and improved recovery programs.....	..do.....	9.1	7.5	1.1	0.5	-	-
<b>Production expenditures:</b>							
Direct operating expenditures..	..do.....	1,635.2	727.8	341.5	431.9	116.6	17.4
Operating and maintenance....	..do.....	1,263.6	542.5	233.7	367.8	104.2	15.4
Well workovers.....	..do.....	259.2			48.7	11.4	1.6
Other direct expenses.....	..do.....	112.4	185.3	107.9	15.4	0.9	0.4
<b>Indirect operating expenditures:</b>							
Ad valorem, production, and severance taxes.....	..do.....	199.8	66.5	35.7	83.5	12.7	1.4
Other indirect expenses including Federal excise taxes..	..do.....	858.8	498.9	224.0	98.6	34.1	3.1

See footnotes at end of table.



**Table 9. Detailed Statistics for the Offshore-Lower 48 States Ranked by Total Lease Revenues: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 compaies	Companies 9 to 16	Companies 17 to 50	Companies 51 to 200	All other companies
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	(D)	405.7	233.7	243.2	(D)	9.6
Number of wells.....	Number.....	(D)	98	64	83	(D)	15
Total footage drilled.....	Thou. ft....	(D)	1,080	745	808	(D)	71
Exploration oil wells:							
Expenditures.....	Mil. dol....	(D)	115.2	49.9	38.5	(D)	-
Number of wells.....	Number.....	(D)	32	13	15	(D)	-
Total footage drilled.....	Thou. ft....	(D)	285	181	146	(D)	-
Exploration gas wells:							
Expenditures.....	Mil. dol....	(D)	179.3	116.1	222.3	88.7	(D)
Number of wells.....	Number.....	(D)	41	27	68	42	(D)
Total footage drilled.....	Thou. ft....	(D)	472	308	697	281	(D)
Development dry holes:							
Expenditures.....	Mil. dol....	(D)	64.8	49.2	34.3	37.9	(D)
Number of wells.....	Number.....	(D)	22	24	30	26	(D)
Total footage drilled.....	Thou. ft....	(D)	230	225	282	252	(D)
Development oil wells:							
Expenditures.....	Mil. dol....	647.3	281.7	148.7	161.0	(D)	(D)
Number of wells.....	Number.....	280	118	50	81	(D)	(D)
Total footage drilled.....	Thou. ft....	2,334	1,084	431	541	(D)	(D)
Development gas wells:							
Expenditures.....	Mil. dol....	(D)	360.3	220.2	356.7	179.3	(D)
Number of wells.....	Number.....	(D)	136	60	111	65	(D)
Total footage drilled.....	Thou. ft....	(D)	1,302	644	1,060	528	(D)
Expenditures for platforms.....	Mil. dol....	917.9	299.5	245.3	227.0	135.7	10.4
Drilling platforms <sup>2</sup> .....	..do.....	589.7	237.1	184.8	99.5	67.2	1.2
Production platforms <sup>3</sup> .....	..do.....	328.2	62.4	60.5	127.5	68.5	9.3
Gross book value of fixed assets (end of year) <sup>4</sup> .....							
Oil and gas field properties.....	..do.....	49,657.7	20,802.3	13,103.0	10,620.6	4,666.7	465.0
Buildings, other structures, and machinery.....	..do.....	49,426.1	20,631.9	13,067.8	10,595.6	4,665.9	464.9
	..do.....	231.6	170.4	35.2	25.0	0.9	0.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 10. Detailed Statistics Grouped by Accounting Method and Grouped by Legal Form of Organization: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
<b>Sales volumes:</b>									
Crude petroleum and condensate...	Mil. bbl....	2,495.2	2,132.4	250.2	112.6	2,367.5	41.7	63.3	22.7
From stripper well leases.....	..do.....	290.0	217.1	50.9	22.1	245.7	17.4	17.5	9.5
Lease condensate.....	..do.....	106.8	84.0	18.4	4.2	102.4	0.8	2.2	1.4
Natural gas.....	Bil. cu. ft.	14,711.9	11,315.5	2,766.7	629.5	14,072.4	184.8	245.3	209.2
<b>Lease revenues:</b>									
Crude petroleum and condensate...	Mil. dol....	74,903.0	60,030.0	11,067.5	3,805.9	70,920.9	1,348.6	1,925.3	708.2
Crude petroleum and condensate...	..do.....	49,371.7	41,268.9	5,671.3	2,431.5	46,541.6	957.8	1,423.0	449.3
Crude petroleum.....	..do.....	47,162.8	39,550.2	5,274.2	2,338.5	44,427.6	944.2	1,370.5	420.4
Lease condensate.....	..do.....	2,208.9	1,718.8	397.1	93.0	2,114.0	13.5	52.5	28.9
Natural gas.....	..do.....	23,442.7	17,167.6	5,007.4	1,267.7	22,420.6	338.1	443.0	241.0
Income from oil and gas royalties	..do.....	1,708.6	1,296.9	317.1	94.6	1,605.6	38.7	54.6	9.7
Other lease revenues from producing operations.....	..do.....	380.0	296.2	71.7	12.2	353.1	14.1	4.6	8.1
<b>Expenditures (capitalized and expensed):</b>									
Exploration expenditures.....	..do.....	62,655.0	49,810.1	10,398.0	2,446.9	59,871.4	970.0	1,229.6	584.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	20,830.8	15,918.6	4,190.2	722.1	19,957.6	298.1	341.8	233.3
Dry holes.....	..do.....	8,678.6	6,346.1	1,896.6	435.8	8,074.5	220.0	237.9	146.1
Oil wells.....	..do.....	3,615.4	2,568.5	879.4	167.5	3,324.8	118.5	98.1	74.0
Gas wells.....	..do.....	1,281.8	912.8	255.6	113.5	1,091.2	65.8	93.6	31.2
Work-in-progress adjustment..	..do.....	2,219.5	1,552.8	539.6	127.0	2,117.2	35.7	36.9	29.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	1,312.1	222.0	27.9	1,541.4	(2)	9.3	11.2
Land department leasing and scouting.....	..do.....	7,899.2	6,292.4	1,456.5	150.4	7,749.7	42.0	48.5	59.0
Geological and geophysical....	..do.....	274.7	177.8	80.3	16.6	258.0	4.9	6.2	5.6
Lease rents.....	..do.....	1,871.0	1,596.7	243.3	31.0	1,842.5	7.4	14.2	7.0
Test hole contributions.....	..do.....	429.1	265.0	119.9	44.3	413.5	6.4	5.3	3.9
Other exploration expenditures, including direct overhead....	..do.....	28.0	22.4	4.3	1.3	27.1	0.5	0.3	(2)
General and administrative overhead not reported elsewhere.....	..do.....	757.4	533.3	214.0	10.0	742.0	10.3	2.8	2.3
Developing expenditures.....	..do.....	892.8	684.8	175.3	32.7	850.3	6.6	26.6	9.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	19,578.9	15,073.0	3,616.1	889.8	18,823.4	261.2	386.3	108.0
Dry holes.....	..do.....	10,193.4	7,180.0	2,439.6	573.8	9,705.0	191.2	222.4	74.8
Oil wells.....	..do.....	951.2	528.9	328.0	94.1	874.2	27.9	41.1	8.0
Gas wells.....	..do.....	3,609.4	2,809.6	585.4	214.7	3,343.5	107.3	124.5	34.1
Work-in-progress adjustment..	..do.....	4,150.7	2,629.8	1,270.4	250.4	4,016.3	50.3	52.9	31.3
Lease equipment <sup>3</sup> .....	..do.....	1,482.1	1,211.7	255.8	14.6	1,471.0	5.7	3.9	1.4
Lease and land acquisitions of producing acreage.....	..do.....	3,572.8	2,968.8	466.3	137.7	3,440.0	43.8	68.1	20.9
Fluid injection and improved recovery programs.....	..do.....	3,414.6	2,949.3	358.8	106.6	3,323.9	9.6	76.9	4.3
Other development expenditures, including direct overhead....	..do.....	941.2	852.1	81.3	7.8	938.0	0.7	0.2	2.3
General and administrative overhead not reported elsewhere.....	..do.....	712.5	540.9	145.0	26.7	703.0	5.7	2.0	1.8
Production expenditures.....	..do.....	744.4	582.0	125.1	37.3	713.5	10.2	16.7	3.9
Direct operating expenditures...	..do.....	22,245.2	18,818.5	2,591.8	835.0	21,090.4	410.7	501.4	242.7
Operating and maintenance.....	..do.....	9,461.9	7,771.1	1,249.7	441.1	8,838.6	211.0	262.7	149.6
Well workovers.....	..do.....	7,507.9	6,134.3	1,033.2	340.4	6,996.4	176.0	206.5	129.0
Other direct expenses.....	..do.....	1,213.6	983.7	164.2	65.7	1,132.3	27.7	42.4	11.2
Indirect operating expenditures..	..do.....	740.5	653.1	52.4	35.0	710.0	7.3	13.8	9.4
Ad valorem, production, and severance taxes.....	..do.....	12,783.4	11,047.4	1,342.1	393.9	12,251.8	199.8	238.7	93.1
General and administrative overhead.....	..do.....	4,564.9	3,940.1	515.8	109.0	4,378.5	49.8	104.6	32.0
Other indirect expenses including Federal excise taxes..	..do.....	1,709.8	1,307.2	299.9	102.6	1,605.0	39.6	44.1	21.0
	..do.....	6,508.7	5,800.1	526.4	182.3	6,268.3	110.3	90.0	40.1

See footnotes at end of table.

Table 10. Detailed Statistics Grouped by Accounting Method and Grouped by Legal Form of Organization: 1980—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Gross book value of fixed assets (beginning of year).....	Mil. dol....	128,414.5	99,008.8	25,464.1	3,941.6	124,643.6	1,111.0	1,805.8	854.2
Oil and gas field properties.....	..do.....	126,016.5	97,158.6	25,036.8	3,821.2	122,406.2	1,038.4	1,732.8	839.1
Nonproducing properties.....	..do.....	19,351.3	12,643.3	6,338.2	369.8	18,930.5	131.4	160.2	129.2
Leaseholds.....	..do.....	16,610.6	12,338.6	3,976.5	295.4	16,272.0	103.0	117.4	118.2
Other pre-development accounts.....	..do.....	2,740.7	304.7	2,361.6	74.4	2,658.5	28.4	42.8	10.9
Producing properties.....	..do.....	99,422.2	79,459.0	16,621.7	3,341.6	96,415.5	883.8	1,460.2	662.7
Leaseholds.....	..do.....	22,600.5	18,125.4	3,592.2	882.8	22,022.3	217.9	198.2	162.1
Intangible drilling and development accounts.....	..do.....	42,687.1	33,487.5	8,064.6	1,135.0	41,830.3	194.4	423.1	239.2
Lease and well equipment.....	..do.....	34,134.7	27,846.1	4,964.8	1,323.7	32,562.9	471.5	838.9	261.4
Work-in-progress.....	..do.....	7,243.1	5,056.3	2,077.0	109.8	7,060.2	23.2	112.4	47.2
Intangible drilling and development accounts.....	..do.....	4,481.8	3,040.4	1,374.1	67.4	4,374.3	13.2	75.0	19.3
Lease and well equipment.....	..do.....	2,761.3	2,015.9	702.9	42.4	2,685.9	10.1	37.4	27.9
Buildings, other structures, and machinery.....	..do.....	2,398.0	1,850.3	427.3	120.4	2,237.4	72.6	73.0	15.0
Capitalized expenditures.....	..do.....	33,523.5	25,531.2	7,158.9	833.3	32,632.5	210.9	469.9	210.1
Oil and gas field properties.....	..do.....	32,343.3	24,520.0	7,027.1	796.3	31,504.7	194.3	435.9	208.4
Nonproducing properties.....	..do.....	8,612.1	6,180.6	2,231.3	200.1	8,420.0	41.9	74.8	75.5
Leaseholds.....	..do.....	7,854.3	6,062.3	1,638.6	153.4	7,691.4	36.9	56.7	69.4
Other pre-development accounts.....	..do.....	757.8	118.4	592.7	46.7	728.5	5.0	18.1	6.1
Producing properties.....	..do.....	15,234.3	11,954.4	2,732.9	547.0	14,722.8	146.2	278.3	86.9
Leaseholds.....	..do.....	3,350.2	2,951.4	292.3	106.5	3,313.5	13.5	17.8	5.3
Intangible drilling and development accounts.....	..do.....	7,067.0	5,198.6	1,631.3	237.1	6,853.7	40.7	124.0	48.6
Lease and well equipment.....	..do.....	4,817.1	3,804.3	809.3	203.4	4,555.5	92.0	136.6	33.0
Work-in-progress.....	..do.....	8,497.0	6,384.9	2,062.9	49.2	8,362.0	6.2	82.8	46.0
Intangible drilling and development accounts.....	..do.....	5,677.7	4,275.7	1,386.9	15.1	5,578.3	2.6	56.3	40.4
Lease and well equipment.....	..do.....	2,819.3	2,109.2	676.0	34.1	2,783.7	3.5	26.5	5.6
Buildings, other structures, and machinery.....	..do.....	1,180.1	1,011.3	131.8	37.1	1,127.8	16.6	34.0	1.7
Retirements and dispositions.....	..do.....	5,720.5	3,346.6	2,203.4	170.5	5,443.1	167.6	73.1	36.6
Oil and gas field properties.....	..do.....	5,327.6	2,988.3	2,173.7	165.6	5,064.0	160.2	68.7	34.6
Nonproducing properties.....	..do.....	1,533.1	981.0	519.7	32.4	1,464.6	28.0	22.8	17.6
Leaseholds.....	..do.....	1,422.1	938.6	457.0	26.5	1,365.1	18.5	21.6	17.0
Other pre-development accounts.....	..do.....	111.0	42.4	62.6	6.0	99.6	9.6	1.2	0.6
Producing properties.....	..do.....	2,893.0	1,406.4	1,375.5	111.1	2,713.1	129.0	42.4	8.5
Leaseholds.....	..do.....	655.7	267.6	373.7	14.4	634.6	16.3	4.2	0.6
Intangible drilling and development accounts.....	..do.....	1,329.8	665.6	626.8	37.4	1,256.1	55.4	12.8	5.5
Lease and well equipment.....	..do.....	907.5	473.2	374.9	59.3	822.4	57.3	25.4	2.5
Work-in-progress.....	..do.....	901.5	600.9	278.6	22.0	886.3	3.2	3.5	8.5
Intangible drilling and development accounts.....	..do.....	713.6	499.0	201.0	13.6	706.6	1.9	1.9	3.2
Lease and well equipment.....	..do.....	187.8	101.9	77.6	8.3	179.7	1.3	1.5	5.3
Buildings, other structures, and machinery.....	..do.....	392.9	358.3	29.7	4.9	379.1	7.3	4.4	2.0
Gross book value of fixed assets (end of year).....	..do.....	156,217.5	121,193.5	30,419.6	4,604.5	151,833.0	1,154.3	2,202.6	1,027.7
Oil and gas field properties.....	..do.....	153,032.3	118,690.3	29,890.1	4,451.9	148,846.9	1,072.5	2,100.0	1,012.9
Nonproducing properties.....	..do.....	25,350.7	16,939.7	7,862.0	549.0	24,855.2	141.1	211.7	142.7
Leaseholds.....	..do.....	21,818.8	16,564.0	4,844.3	410.5	21,414.8	117.3	153.6	133.1
Other pre-development accounts.....	..do.....	3,531.9	375.7	3,017.7	138.5	3,440.4	23.9	58.1	9.6
Producing properties.....	..do.....	116,469.4	93,786.8	18,903.0	3,779.5	113,072.9	905.9	1,704.1	786.5
Leaseholds.....	..do.....	26,384.7	21,668.5	3,740.5	975.7	25,755.7	216.5	212.4	200.1
Intangible drilling and development accounts.....	..do.....	50,385.4	39,854.8	9,210.3	1,320.3	49,371.5	180.2	540.9	292.8
Lease and well equipment.....	..do.....	39,699.3	32,263.6	5,952.2	1,483.5	37,945.7	509.2	950.9	293.6
Work-in-progress.....	..do.....	11,212.2	7,963.7	3,125.1	123.4	10,918.7	25.5	184.2	83.8
Intangible drilling and development accounts.....	..do.....	6,781.9	4,773.9	1,940.2	67.9	6,589.0	13.5	124.0	55.4
Lease and well equipment.....	..do.....	4,430.3	3,189.9	1,184.9	55.5	4,329.8	12.0	60.2	28.3
Buildings, other structures, and machinery.....	..do.....	3,185.2	2,503.2	529.4	152.6	2,986.1	81.8	102.6	14.7

See footnotes at end of table.

**Table 10. Detailed Statistics Grouped by Accounting Method and Grouped by Legal Form of Organization: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Depletion, depreciation, and amortization of fixed assets:									
Cost during 1980.....	Mil. dol....	10,764.5	8,126.2	2,407.7	230.6	10,423.0	113.4	151.7	76.4
Oil and gas properties.....	..do.....	10,560.4	7,976.3	2,364.7	219.4	10,237.4	105.8	143.0	74.2
Nonproducing properties.....	..do.....	1,983.1	1,502.7	462.2	18.2	1,962.7	2.4	5.1	12.9
Leaseholds.....	..do.....	1,757.6	1,490.1	252.6	14.9	1,740.9	1.1	4.6	11.0
Other pre-development accounts.....	..do.....	225.5	12.7	209.6	3.3	221.8	1.4	0.5	1.9
Producing properties.....	..do.....	8,440.6	6,440.5	1,803.7	196.4	8,151.0	101.2	128.1	60.3
Leaseholds.....	..do.....	1,656.8	1,253.5	360.0	43.4	1,600.7	23.1	17.6	15.3
Intangible drilling and development accounts.....	..do.....	3,518.1	2,828.0	617.9	72.1	3,430.0	27.6	39.9	20.6
Lease and well equipment...	..do.....	3,265.8	2,359.1	825.8	81.0	3,120.3	50.5	70.6	24.4
Work-in-progress.....	..do.....	136.7	33.1	98.9	4.7	123.7	2.2	9.8	1.0
Intangible drilling and development accounts.....	..do.....	89.8	24.7	61.9	3.2	80.7	0.9	7.3	1.0
Lease and well equipment...	..do.....	46.8	8.4	37.0	1.5	43.0	1.3	2.5	0.1
Buildings, other structures, and machinery.....	..do.....	204.1	149.9	43.0	11.2	185.6	7.6	8.8	2.2
Accumulated cost, end of 1980....	..do.....	59,818.8	49,376.7	9,406.0	1,036.0	58,133.4	415.3	884.9	385.1
Oil and gas field properties...	..do.....	58,740.8	48,562.7	9,187.8	990.3	57,125.1	385.6	853.2	376.9
Nonproducing properties.....	..do.....	6,005.4	4,359.4	1,584.3	61.7	5,936.4	11.1	22.3	35.6
Leaseholds.....	..do.....	5,084.9	4,291.7	743.4	49.9	5,028.7	4.4	20.5	31.2
Other pre-development accounts.....	..do.....	920.5	67.7	840.9	11.9	907.7	6.7	1.8	4.3
Producing properties.....	..do.....	52,340.4	44,091.7	7,340.5	908.2	50,832.1	366.5	804.3	337.6
Leaseholds.....	..do.....	9,438.8	7,740.2	1,532.0	166.6	9,175.4	91.4	85.1	86.9
Intangible drilling and development accounts.....	..do.....	24,077.4	20,471.2	3,350.7	255.5	23,602.0	57.3	298.1	120.0
Lease and well equipment...	..do.....	18,824.2	15,880.3	2,457.8	486.1	18,054.7	217.7	421.1	130.6
Work-in-progress.....	..do.....	395.1	111.7	263.0	20.4	356.6	8.0	26.6	3.7
Intangible drilling and development accounts.....	..do.....	258.1	77.4	166.8	13.9	231.8	3.2	19.8	3.3
Lease and well equipment...	..do.....	137.0	34.3	96.2	6.5	124.9	4.8	6.9	0.4
Buildings, other structures, and machinery.....	..do.....	1,077.9	814.0	218.2	45.7	1,008.3	29.6	31.7	8.3
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	3,615.4	2,568.5	879.4	167.5	3,324.8	118.5	98.1	74.0
Number of wells.....	Number.....	6,292	3,640	2,013	639	4,401	912	662	317
Total footage drilled.....	Thou. ft....	37,506	22,910	11,141	3,455	28,828	4,178	3,012	1,488
Exploration oil wells:									
Expenditures.....	Mil. dol....	1,281.8	912.8	255.6	113.5	1,091.2	65.8	93.6	31.2
Number of wells.....	Number.....	2,847	1,519	868	460	1,941	346	444	117
Total footage drilled.....	Thou. ft....	15,912	9,822	3,909	2,181	11,514	1,735	2,173	490
Exploration gas wells:									
Expenditures.....	Mil. dol....	2,219.5	1,552.8	539.6	127.0	2,117.2	35.7	36.9	29.7
Number of wells.....	Number.....	2,100	1,350	563	187	1,833	104	136	27
Total footage drilled.....	Thou. ft....	15,619	10,272	4,193	1,154	14,009	637	755	218
Development dry holes:									
Expenditures.....	Mil. dol....	951.2	528.9	328.0	94.1	874.2	27.9	41.1	8.0
Number of wells.....	Number.....	2,976	1,559	1,164	254	2,505	114	290	67
Total footage drilled.....	Thou. ft....	15,051	7,785	5,839	1,427	12,764	628	1,392	267
Development oil wells:									
Expenditures.....	Mil. dol....	3,609.4	2,809.6	585.4	214.7	3,343.5	107.3	124.5	34.1
Number of wells.....	Number.....	11,242	7,786	2,636	820	9,744	495	784	218
Total footage drilled.....	Thou. ft....	50,409	36,143	10,897	3,369	44,071	2,373	2,966	999
Development gas wells:									
Expenditures.....	Mil. dol....	4,150.7	2,629.8	1,270.4	250.4	4,016.3	50.3	52.9	31.3
Number of wells.....	Number.....	6,666	3,687	2,451	528	6,072	128	372	94
Total footage drilled.....	Thou. ft....	41,507	24,207	13,874	3,426	38,255	785	2,022	445
Expenditures for platforms.....	Mil. dol....	958.8	734.5	209.4	15.0	932.1	7.7	9.4	9.7
Drilling platforms <sup>2</sup> .....	..do.....	607.2	474.2	129.6	3.4	595.3	3.4	-	8.5
Production platforms <sup>3</sup> .....	..do.....	351.7	260.3	79.9	11.6	336.8	4.3	9.4	1.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (Z) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 11. Detailed Statistics, by Lease Classification and by Owner and Non-Owner Operated Categories: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Lease classification			Operator	
			Oil leases	Gas leases	Combined leases	Owner operated properties	Non-owner operated properties
<b>Sales volumes:</b>							
Crude petroleum and condensate....	Mil. bbl....	2,495.2	1,684.3	79.7	731.1	1,588.5	906.7
From stripper well leases.....	..do.....	290.0	257.0	1.2	31.8	245.2	44.8
Lease condensate.....	..do.....	106.8	(X)	76.4	30.4	69.2	37.6
Natural gas.....	Bil. cu. ft.	14,711.9	1,384.0	9,620.1	3,707.7	9,781.0	4,930.9
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>74,903.0</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>48,673.3</b>	<b>26,229.6</b>
Crude petroleum and condensate....	..do.....	49,371.7	34,281.5	1,612.6	13,477.6	32,934.1	16,437.6
Crude petroleum.....	..do.....	47,162.8	34,281.5	(X)	12,881.3	31,450.9	15,711.9
Lease condensate.....	..do.....	2,208.9	(X)	1,612.6	596.3	1,483.2	725.7
Natural gas.....	..do.....	23,442.7	2,253.6	15,760.7	5,428.4	15,463.2	7,979.5
Income from oil and gas royalties	..do.....	1,708.6	(X)	(X)	(X)	(X)	1,708.6
Other lease revenues from producing operations.....	..do.....	380.0	(X)	(X)	(X)	276.0	104.0
<b>Expenditures (capitalized and expensed):</b>							
<b>Exploration expenditures:</b>							
Drilling and equipping wells <sup>1 2 3</sup>	..do.....	8,678.6	2,633.9	4,185.0	1,626.6	5,962.1	2,716.5
Dry holes.....	..do.....	3,615.4	1,093.8	1,453.0	885.9	2,467.5	1,147.9
Oil wells.....	..do.....	1,281.8	1,134.2	(X)	147.6	894.0	387.8
Gas wells.....	..do.....	2,219.5	(X)	2,010.9	208.6	1,492.4	727.1
Work-in-progress adjustment..	..do.....	1,561.9	405.9	721.1	384.6	1,108.2	453.7
<b>Development expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	10,193.4	3,786.3	4,847.1	1,560.1	7,169.8	3,023.6
Dry holes.....	..do.....	951.2	288.8	514.6	147.8	656.0	295.2
Oil wells.....	..do.....	3,609.4	2,898.3	(X)	711.1	2,611.0	998.4
Gas wells.....	..do.....	4,150.7	(X)	3,685.7	465.0	2,784.7	1,366.0
Work-in-progress adjustment..	..do.....	1,482.1	599.2	646.7	236.1	1,118.1	364.0
Lease equipment <sup>4</sup> .....	..do.....	3,572.8	(X)	(X)	(X)		
Lease and land acquisitions of producing acreage.....	..do.....	3,414.6	(X)	(X)	(X)		
Fluid injection and improved recovery programs.....	..do.....	941.2	(X)	(X)	(X)	5,766.9	2,874.2
Other development expenditures, including direct overhead....	..do.....	712.5	(X)	(X)	(X)		
<b>Production expenditures:</b>							
Direct operating expenditures..	..do.....	9,461.9	5,637.1	1,677.3	2,147.6	6,777.0	2,684.9
Operating and maintenance....	..do.....	7,507.9	4,590.7	1,274.0	1,643.1	(X)	(X)
Well workovers.....	..do.....	1,213.6	607.3	278.8	327.5	(X)	(X)
Other direct expenses.....	..do.....	740.5	439.1	124.5	176.9	(X)	(X)
Indirect operating expenditures:							
Ad valorem, production, and severance taxes.....	..do.....	4,564.9	(X)	(X)	(X)	2,917.8	1,647.1
Other indirect expenses including Federal excise taxes	..do.....	6,508.7	(X)	(X)	(X)	4,335.1	2,173.6

Note: Detailed figures may not add to totals because of independent rounding.

(X) Not applicable.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier years drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>The detail of this table does not add to totals presented for these items since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 12. Detailed Statistics for the Onshore-Lower 48 States Groups by Stripper Well Lease Specialization Ratio: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	1,708.3	222.4	427.3	634.9	285.9	28.1	10.2	12.7	86.8
From stripper well leases.....	..do.....	289.2	1.7	31.8	95.3	62.6	9.4	4.4	7.0	77.1
Lease condensate.....	..do.....	73.0	10.6	16.5	30.7	12.3	1.2	0.4	0.5	0.8
Natural gas.....	Bil. cu. ft.	10,155.5	1,393.5	2,519.8	3,632.8	1,770.1	225.0	70.8	67.9	475.6
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	54,075.5	7,193.3	13,313.6	19,070.9	9,272.2	1,207.8	439.9	534.9	3,042.8
Crude petroleum.....	..do.....	35,712.8	4,303.6	8,393.0	13,166.4	6,264.0	722.7	257.0	344.3	2,261.8
Lease condensate.....	..do.....	35,712.8	4,303.6	8,028.1	12,547.5	6,004.7	696.4	248.6	333.4	2,240.1
Natural gas.....	..do.....	16,392.8	2,614.7	4,490.2	5,320.7	2,643.5	382.8	149.0	124.3	667.5
Income from oil and gas royalties	..do.....	1,646.9	231.0	410.6	480.7	258.1	99.7	27.3	64.5	74.9
Other lease revenues from producing operations.....	..do.....	323.0	44.0	19.7	103.1	106.6	2.5	6.6	1.8	38.6
Expenditures (capitalized and expensed):										
Exploration expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	6,097.4	1,288.2	1,724.3	1,545.1	795.9	156.5	47.0	165.1	375.2
Dry holes.....	..do.....	2,468.2	618.8	618.5	612.5	319.5	57.4	25.1	48.4	168.1
Oil wells.....	..do.....	1,040.5	145.6	295.4	208.5	184.1	43.0	9.9	51.9	102.0
Gas wells.....	..do.....	1,599.7	327.8	448.5	430.2	221.8	39.1	13.1	46.4	72.7
Work-in-progress adjustment..	..do.....	989.0	196.0	361.8	294.0	70.5	17.0	-1.0	18.4	32.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	3,059.5	525.1	513.7	1,315.1	455.1	140.8	13.6	22.0	74.2
Land department leasing and scouting.....	..do.....	233.1	24.9	32.6	120.1	37.3	3.8	1.2	1.2	11.8
Geological and geophysical....	..do.....	1,431.4	127.0	368.3	574.8	325.2	14.9	3.6	7.7	15.6
Lease rents.....	..do.....	395.0	119.9	77.7	98.1	71.4	9.6			12.4
Test hole contributions.....	..do.....	18.6	1.1	6.6	7.5	2.3	0.3	0.3	0.2	0.3
Development expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	7,480.1	1,252.8	1,723.5	2,238.3	1,411.3	234.5	94.2	94.0	431.5
Dry holes.....	..do.....	761.0	214.2	139.6	177.4	139.0	33.7	4.9	11.4	40.7
Oil wells.....	..do.....	2,754.3	344.0	667.1	829.0	508.3	92.0	55.2	45.5	213.2
Gas wells.....	..do.....	3,021.3	628.3	644.4	871.7	549.8	93.9	34.5	30.8	167.7
Work-in-progress adjustment..	..do.....	943.5	66.3	272.3	360.1	214.2	14.9	-0.5	6.3	9.9
Lease equipment <sup>3</sup> .....	..do.....	2,115.2	272.6	759.8	737.7	204.1	37.3			78.6
Lease and land acquisitions of producing acreage.....	..do.....	2,827.2	163.8	12.3	2,282.9	159.9	113.5	26.4	57.2	36.3
Fluid injection and improved recovery programs.....	..do.....	912.2	21.7	143.8	551.0	181.2	2.8	0.8	4.7	6.2
Production expenditures:										
Direct operating expenditures..	..do.....	7,474.5	879.4	1,516.5	2,868.5	1,262.5	144.0	71.2	75.6	656.9
Operating and maintenance....	..do.....	5,945.8	635.8	1,080.9	2,440.8	1,006.3	115.9	59.9	64.2	541.9
Well workovers.....	..do.....	925.4	135.3	258.4	295.6	127.4	17.9	9.9	9.0	71.8
Other direct expenses.....	..do.....	603.4	108.2	177.2	132.0	128.8	10.1	1.5	2.4	43.2
Indirect operating expenditures:										
Ad valorem, production, and severance taxes.....	..do.....	3,318.2	344.2	844.6	1,327.0	555.3	51.1	25.5	31.8	138.8
Other indirect expenses including Federal excise taxes	..do.....	4,596.5	330.3	1,398.2	1,605.7	877.8	82.9	31.7	31.5	238.5

See footnotes at end of table.

**Table 12. Detailed Statistics for the Onshore-Lower 48 States Groups by Stripper Well Lease Specialization Ratio: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .049	.050 to .099	.100 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	2,468.2	618.8	618.5	612.5	319.5	57.4	25.1	48.4	168.1
Number of wells.....	Number.....	5,954	1,572	551	722	900	168	121	250	1,670
Total footage drilled.....	Thou. ft....	34,229	9,202	4,572	5,670	6,382	1,104	585	1,214	5,500
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,040.5	145.6	295.4	208.5	184.1	43.0	9.9	51.9	102.0
Number of wells.....	Number.....	2,770	344	366	348	344	145	30	155	1,040
Total footage drilled.....	Thou. ft....	15,201	2,208	2,786	2,662	2,343	919	148	958	3,177
Exploration gas wells:										
Expenditures.....	Mil. dol....	1,599.7	327.8	448.5	430.2	221.8	39.1	13.1	46.4	72.7
Number of wells.....	Number.....	1,916	529	279	329	220	93	28	72	367
Total footage drilled.....	Thou. ft....	13,787	3,472	2,533	3,196	1,775	539	200	542	1,530
Development dry holes:										
Expenditures.....	Mil. dol....	761.0	214.2	139.6	177.4	139.0	33.7	4.9	11.4	40.7
Number of wells.....	Number.....	2,866	829	248	465	408	124	41	104	648
Total footage drilled.....	Thou. ft....	14,005	3,529	1,668	2,963	2,635	739	166	436	1,869
Development oil wells:										
Expenditures.....	Mil. dol....	2,754.3	344.0	667.1	829.0	508.3	92.0	55.2	45.5	213.2
Number of wells.....	Number.....	10,878	1,029	1,581	2,874	1,914	254	248	318	2,660
Total footage drilled.....	Thou. ft....	47,183	6,142	7,873	13,004	9,085	1,556	1,136	1,210	7,177
Development gas wells:										
Expenditures.....	Mil. dol....	3,021.3	628.3	644.4	871.7	549.8	93.9	34.5	30.8	167.7
Number of wells.....	Number.....	6,288	1,462	829	1,319	1,031	252	84	78	1,233
Total footage drilled.....	Thou. ft....	37,914	8,135	6,210	9,451	6,745	1,400	443	478	5,052
Expenditures for platforms.....	Mil. dol....	(D)	27.1	-	(D)	4.1	-	-	-	4.4
Drilling platforms <sup>2</sup> .....	..do.....	(D)	27.1	-	-	0.7	-	-	-	2.6
Production platforms <sup>3</sup> .....	..do.....	(D)		-	(D)	3.4	-	-	-	1.8
Gross book value of fixed assets (end of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	97,872.1	13,806.7	20,615.4	36,806.3	19,175.3	2,199.2	633.5	930.1	3,705.6
Buildings, other structures, and machinery.....	..do.....	95,220.1	13,511.4	20,183.4	35,897.6	18,735.9	2,063.4	598.7	902.1	3,327.6
	..do.....	2,652.1	295.3	432.0	908.7	439.4	135.8	34.8	28.0	378.0

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 13. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	71.7	465.0	643.9	1,050.1	141.6	65.9	15.5	41.4
From stripper well leases.....	..do.....	290.0	32.1	36.6	82.2	103.4	21.6	7.4	3.0	3.8
Lease condensate.....	..do.....	106.8	0.6	7.6	26.8	52.1	9.2	6.2	2.5	1.9
Natural gas.....	Bil. cu. ft.	14,711.9	343.9	1,125.2	3,557.0	6,812.6	1,506.9	947.7	272.9	145.8
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>74,903.0</b>	<b>2,061.0</b>	<b>10,945.7</b>	<b>19,021.7</b>	<b>31,671.0</b>	<b>5,764.4</b>	<b>3,298.1</b>	<b>943.5</b>	<b>1,197.6</b>
Crude petroleum and condensate...	..do.....	49,371.7	1,664.8	8,733.3	12,764.2	20,699.6	3,012.4	1,371.3	330.0	796.1
Crude petroleum.....	..do.....	47,162.8	1,650.4	8,568.2	12,228.3	19,623.4	2,820.5	1,247.1	275.5	749.4
Lease condensate.....	..do.....	2,208.9	14.4	165.1	535.8	1,076.3	191.9	124.2	54.4	46.7
Natural gas.....	..do.....	23,442.7	366.7	1,977.0	5,858.7	9,979.0	2,501.9	1,840.4	542.2	376.7
Income from oil and gas royalties	..do.....	1,708.6	18.4	147.3	312.1	845.8	220.8	72.3	69.1	22.9
Other lease revenues from producing operations.....	..do.....	380.0	11.0	88.1	86.7	146.6	29.3	14.1	2.3	1.9
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>62,655.0</b>	<b>1,033.2</b>	<b>9,035.9</b>	<b>13,995.4</b>	<b>26,729.9</b>	<b>5,661.3</b>	<b>3,442.0</b>	<b>1,475.1</b>	<b>1,282.3</b>
Exploration expenditures.....	..do.....	20,830.8	-	1,210.3	3,765.1	9,515.3	2,543.4	1,884.0	932.8	979.9
Drilling and equipping wells <sup>1 2</sup>	..do.....	8,678.6	-	345.6	1,501.1	3,829.6	1,100.2	911.0	438.1	553.0
Dry holes.....	..do.....	3,615.4	-	192.3	660.6	1,510.8	452.3	440.0	141.5	218.0
Oil wells.....	..do.....	1,281.8	-	40.5	198.0	616.2	188.4	106.0	72.2	60.6
Gas wells.....	..do.....	2,219.5	-	63.1	350.1	886.3	325.0	263.8	175.1	156.1
Work-in-progress adjustment.....	..do.....	1,561.9	-	49.7	292.4	816.4	134.6	101.2	49.3	118.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,899.2	-	594.0	1,359.5	3,656.2	943.0	702.1	388.3	256.1
Land department leasing and scouting.....	..do.....	274.7	-	11.1	56.9	135.7	28.3	29.8	5.8	7.2
Geological and geophysical.....	..do.....	1,871.0	-	74.3	521.3	936.2	207.0	91.9	17.3	22.9
Lease rents.....	..do.....	429.1	-	24.0	80.0	172.0	52.9	32.6		
Test hole contributions.....	..do.....	28.0	-	2.7	6.2	14.8	1.6	0.3		
Other exploration expenditures, including direct overhead.....	..do.....	757.4	-	18.8	120.2	372.8	130.6	47.5	54.3	83.5
General and administrative overhead, not reported elsewhere.....	..do.....	892.8	-	139.9	120.0	398.0	79.9	68.8	29.1	57.1
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>19,578.9</b>	<b>409.8</b>	<b>4,628.2</b>	<b>4,348.0</b>	<b>7,315.8</b>	<b>1,643.3</b>	<b>799.3</b>	<b>333.7</b>	<b>100.7</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	10,193.4	322.6	1,393.1	2,725.5	3,834.3	1,189.6	486.1	185.2	57.0
Dry holes.....	..do.....	951.2	27.5	132.3	220.4	313.2	157.9	68.8	24.9	6.2
Oil wells.....	..do.....	3,609.4	149.5	581.8	944.9	1,472.1	294.7	122.5	30.1	13.9
Gas wells.....	..do.....	4,150.7	139.8	534.0	1,088.4	1,413.6	565.0	279.5	99.5	30.9
Work-in-progress adjustment.....	..do.....	1,482.1	5.8	145.0	471.8	635.4	172.0	15.3	30.7	6.1
Lease equipment <sup>3</sup> .....	..do.....	3,572.8	33.7	620.6	594.1	1,739.7	249.9	245.6	65.6	23.5
Lease and land acquisitions of producing acreage.....	..do.....	3,414.6	12.3			687.6	81.6	25.0	63.3	12.0
Fluid injection and improved recovery programs.....	..do.....	941.2	2.0	2,365.5	666.1	403.5	32.6	2.1		
Other development expenditures, including direct overhead.....	..do.....	712.5	26.1	92.8	258.7	265.8	48.5	13.3	5.6	3.7
General and administrative overhead, not reported elsewhere.....	..do.....	744.4	13.0	156.2	103.6	384.8	41.0	27.3	14.0	4.4
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>22,245.2</b>	<b>623.3</b>	<b>3,197.3</b>	<b>5,882.3</b>	<b>9,898.8</b>	<b>1,474.7</b>	<b>758.7</b>	<b>208.5</b>	<b>201.7</b>
Direct operating expenditures..	..do.....	9,461.9	371.1	1,065.8	2,531.1	4,175.5	686.9	382.9	106.7	142.0
Operating and maintenance.....	..do.....	7,507.9	264.3	885.6	1,980.8	3,261.5	575.4	333.8	91.0	115.5
Well workovers.....	..do.....	1,213.6	63.0	122.4	320.2	547.4	89.7	41.6	12.5	16.8
Other direct expenses.....	..do.....	740.5	43.8	57.8	230.1	366.6	21.8	7.4	3.2	9.7
Indirect operating expenditures	..do.....	12,783.4	252.3	2,131.5	3,351.2	5,723.3	787.8	375.8	101.8	59.7
Ad valorem, production, and severance taxes.....	..do.....	4,564.9	70.8	869.1	1,268.6	1,889.1	261.3	139.7	30.9	35.4
General and administrative overhead.....	..do.....	1,709.8	87.1	191.4	293.9	909.5	107.0	77.1	26.4	17.4
Other indirect expenses including Federal excise taxes..	..do.....	6,508.7	94.3	1,071.0	1,788.7	2,924.7	419.5	159.0	44.5	6.9

See footnotes at end of table.



**Table 13. Detailed Statistics Grouped by the Ratio of Total Exploration Expenditures to Total Expenditures: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	3,615.4	-	192.3	660.6	1,510.8	452.3	440.0	141.5	218.0
Number of wells.....	Number.....	6,292	-	471	852	1,448	1,423	746	686	666
Total footage drilled.....	Thou. ft....	37,506	-	2,545	6,552	9,818	7,939	4,257	3,091	3,304
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,281.8	-	40.5	198.0	616.2	188.4	106.0	72.2	60.6
Number of wells.....	Number.....	2,847	-	117	297	815	824	272	283	239
Total footage drilled.....	Thou. ft....	15,912	-	594	2,049	5,734	3,441	1,462	1,514	1,118
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,219.5	-	63.1	350.1	886.3	325.0	263.8	175.1	156.1
Number of wells.....	Number.....	2,100	-	79	267	611	266	238	173	465
Total footage drilled.....	Thou. ft....	15,619	-	598	2,058	5,499	2,072	1,639	1,466	2,287
Development dry holes:										
Expenditures.....	Mil. dol....	951.2	27.5	132.3	220.4	313.2	157.9	68.8	24.9	6.2
Number of wells.....	Number.....	2,976	250	684	411	847	482	211	52	40
Total footage drilled.....	Thou. ft....	15,051	941	2,805	2,617	4,124	2,854	1,224	320	166
Development oil wells:										
Expenditures.....	Mil. dol....	3,609.4	149.5	581.8	944.9	1,472.1	294.7	122.5	30.1	13.9
Number of wells.....	Number.....	11,242	961	2,844	2,544	3,543	824	349	112	66
Total footage drilled.....	Thou. ft....	50,409	3,477	11,545	10,708	17,867	4,505	1,421	588	298
Development gas wells:										
Expenditures.....	Mil. dol....	4,150.7	139.8	534.0	1,088.4	1,413.6	565.0	279.5	99.5	30.9
Number of wells.....	Number.....	6,666	952	1,477	1,184	1,811	799	259	139	47
Total footage drilled.....	Thou. ft....	41,507	4,003	7,901	8,865	12,323	5,168	2,032	925	290
Expenditures for platforms.....	Mil. dol....	958.8	44.7		180.1	421.7	95.1	134.6	67.8	14.8
Drilling platforms <sup>2</sup> .....	..do.....	607.2	10.9		128.7	301.5	58.1	45.0		
Production platforms <sup>3</sup> .....	..do.....	351.7	33.7		51.4	120.3	37.0	89.6	67.8	14.8
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	128,414.5	1,880.5	11,732.2	32,959.0	56,525.3	12,910.7	7,904.4	2,075.7	2,426.8
Oil and gas field properties.....	..do.....	126,016.5	1,629.3	11,485.1	32,332.4	55,685.1	12,729.7	7,701.3	2,056.9	2,396.9
Buildings, other structures, and machinery.....	..do.....	2,398.0	251.2	247.1	626.6	840.2	181.0	203.2	18.8	29.9
Capitalized expenditures.....	..do.....	33,523.5	180.1	5,023.3	6,734.8	13,626.9	3,607.0	2,439.6	1,098.1	813.6
Oil and gas field properties.....	..do.....	32,343.3	146.2	4,904.7				2,385.8	1,090.5	805.1
Buildings, other structures, and machinery.....	..do.....	1,180.1	33.9	118.6	6,734.8	13,626.9	3,607.0	53.9	7.7	8.5
Retirement and dispositions.....	..do.....	5,720.5	81.8	410.3	2,059.1	1,976.0	467.6	325.8	316.3	83.4
Oil and gas field properties.....	..do.....	5,327.6	77.7	392.8				315.6	315.0	82.2
Buildings, other structures, and machinery.....	..do.....	392.9	4.1	17.5	2,059.1	1,976.0	467.6	10.2	1.3	1.3
Gross book value of fixed assets (end of year).....	..do.....	156,217.5	1,978.7	16,345.2	37,634.6	68,176.2	16,050.1	10,018.2	2,857.5	3,156.9
Oil and gas field properties.....	..do.....	153,032.3	1,697.8	15,997.0	36,841.7	66,938.0	15,834.3	9,771.4	2,832.3	3,119.8
Buildings, other structures, and machinery.....	..do.....	3,185.2	281.0	348.2	792.9	1,238.2	215.8	246.8	25.1	37.1
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	10,764.5	114.3	960.1	2,247.7	4,698.7	1,324.8	960.7	215.1	243.0
Oil and gas field properties.....	..do.....	10,560.4	102.8	934.3	2,187.5	4,626.2	1,310.1	947.0	213.1	239.5
Buildings, other structures, and machinery.....	..do.....	204.1	11.5	25.8	60.2	72.7	14.7	13.6	2.1	3.5
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	59,818.8	579.3	4,756.2	13,678.9	30,190.8	5,363.9	3,421.8	846.6	981.4
Oil and gas field properties.....	..do.....	58,740.8	499.0	4,662.1	13,342.7	29,799.1	5,288.7	3,342.5	838.5	968.2
Buildings, other structures, and machinery.....	..do.....	1,077.9	80.2	94.1	336.1	391.7	75.2	79.3	8.0	13.2

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 14. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1980**

(Net company interest basis)

Item	Unit of measure	United States, Total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	34.1	577.5	1,234.6	430.7	46.6	28.7	122.1	20.9
From stripper well leases.....	..do.....	290.0	26.0	51.1	112.9	58.0	12.5	7.2	15.3	7.0
Lease condensate.....	..do.....	106.8	0.3	14.0	53.8	25.1	4.8	4.0	3.8	1.0
Natural gas.....	Bil. cu. ft.	14,711.9	117.9	1,783.3	7,186.8	3,617.9	695.4	496.5	545.9	268.1
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>74,903.0</b>	<b>1,079.1</b>	<b>13,596.0</b>	<b>36,198.3</b>	<b>15,239.7</b>	<b>2,555.5</b>	<b>1,698.3</b>	<b>3,591.8</b>	<b>944.3</b>
Crude petroleum and condensate...	..do.....	49,371.7	851.0	10,531.7	23,957.6	9,097.3	1,190.7	707.8	2,546.8	488.8
Crude petroleum.....	..do.....	47,162.8	842.0	10,256.3	22,840.6	8,583.0	1,092.2	616.9	2,466.1	465.7
Lease condensate.....	..do.....	2,208.9	9.0	275.3	1,117.0	514.3	98.5	90.9	80.7	23.1
Natural gas.....	..do.....	23,442.7	195.3	2,660.9	11,421.1	5,594.8	1,265.2	930.0	956.6	418.9
Income from oil and gas royalties	..do.....	1,708.6	18.2	289.5	710.1	477.0	89.3			9.7
Other lease revenues from producing operations.....	..do.....	380.0	14.7	113.8	109.6	70.6	10.3	60.5	88.4	26.9
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>62,655.0</b>	<b>726.1</b>	<b>9,162.6</b>	<b>28,590.5</b>	<b>13,618.4</b>	<b>2,870.9</b>	<b>1,697.2</b>	<b>4,758.2</b>	<b>1,231.4</b>
Exploration expenditures.....	..do.....	20,830.8	250.4	3,670.0	10,267.3	4,579.9	(D)	392.8	(D)	81.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	8,678.6	171.6	1,670.6	4,148.2	1,757.1	508.6	199.6	169.6	53.4
Dry holes.....	..do.....	3,615.4	75.8	752.3	1,613.7	753.6	255.7	76.0	70.8	17.5
Oil wells.....	..do.....	1,281.8	48.3	263.3	564.6	229.3	90.9	57.3	16.8	11.3
Gas wells.....	..do.....	2,219.5	47.4	384.9	1,065.9	458.8	151.8	51.2	39.6	19.9
Work-in-progress adjustment..	..do.....	1,561.9	0.1	270.1	904.0	315.5	10.1	15.2	42.3	4.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,899.2	57.4	1,207.5	3,902.8	1,912.6	(D)	116.1	(D)	13.4
Land department leasing and scouting.....	..do.....	274.7	1.1	38.7	121.4	88.2	7.6	10.5	4.9	2.3
Geological and geophysical.....	..do.....	1,871.0	2.1	246.4	1,121.0	388.6	48.2	33.0	25.9	5.7
Lease rents.....	..do.....	429.1	6.7	111.3	173.6	85.6	24.2	14.3	10.0	3.5
Test hole contributions.....	..do.....	28.0	(2)	3.3	17.6	4.0	0.4	0.3	1.8	0.6
Other exploration expenditures, including direct overhead.....	..do.....	757.4	6.0	148.2	352.3	216.8	17.3	4.1	11.2	1.5
General and administrative overhead, not reported elsewhere.....	..do.....	892.8	5.6	244.1	430.3	127.0	44.4	14.9	25.7	0.8
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>19,578.9</b>	<b>-</b>	<b>1,391.8</b>	<b>7,282.0</b>	<b>4,575.0</b>	<b>(D)</b>	<b>916.8</b>	<b>(D)</b>	<b>976.5</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	10,193.4	-	800.6	4,188.6	2,548.1	847.2	701.9	532.6	574.5
Dry holes.....	..do.....	951.2	-	78.5	327.5	230.5	103.8	97.1	33.7	80.1
Oil wells.....	..do.....	3,609.4	-	346.2	1,631.9	789.8	224.1	202.8	254.0	160.6
Gas wells.....	..do.....	4,150.7	-	240.0	1,473.4	1,089.8	457.4	377.7	199.3	313.2
Work-in-progress adjustment..	..do.....	1,482.1	-	136.0	755.7	438.0	61.9	24.3	45.6	20.6
Lease equipment <sup>3</sup> .....	..do.....	3,572.8	-	446.6	1,848.2	722.4	122.0	95.3	266.5	71.8
Lease and land acquisitions of producing acreage.....	..do.....	3,414.6	-	24.5	154.6	739.1	(D)	56.8	(D)	255.9
Fluid injection and improved recovery programs.....	..do.....	941.2	-	61.6	400.2	246.6	(D)	6.3	(D)	3.4
Other development expenditures, including direct overhead.....	..do.....	712.5	-	20.8	314.6	212.5	35.4	30.3	60.4	38.4
General and administrative overhead not reported elsewhere.....	..do.....	744.4	-	37.6	375.8	106.2	(D)	26.1	(D)	32.5
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>22,245.2</b>	<b>475.6</b>	<b>4,100.8</b>	<b>11,041.1</b>	<b>4,463.5</b>	<b>(D)</b>	<b>387.4</b>	<b>(D)</b>	<b>173.7</b>
Direct operating expenditures.....	..do.....	9,461.9	285.7	1,426.0	4,405.9	2,342.5	279.2	199.5	403.7	119.4
Operating and maintenance.....	..do.....	7,507.9	232.5	1,133.4	3,434.0	1,913.1	231.2	145.9	340.2	77.7
Well workovers.....	..do.....	1,213.6	33.4	175.6	638.0	221.5	33.4	43.9	44.7	23.0
Other direct expenses.....	..do.....	740.5	19.7	117.0	334.0	207.9	14.7	9.6	18.8	18.6
Indirect operating expenditures..	..do.....	12,783.4	190.0	2,674.8	6,635.2	2,121.0	(D)	187.9	(D)	54.3
Ad valorem, production, and severance taxes.....	..do.....	4,564.9	37.4	1,037.6	2,161.0	872.4	(D)	97.3	(D)	14.5
General and administrative overhead.....	..do.....	1,709.8	52.9	288.7	939.4	292.7	42.8	36.4	45.1	11.6
Other indirect expenses including Federal excise taxes..	..do.....	6,508.7	99.7	1,348.5	3,534.8	955.9	(D)	54.3	(D)	28.0

See footnotes at end of table.

**Table 14. Detailed Statistics Grouped by the Ratio of Total Development Expenditures to Total Expenditures: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .199	.200 to .299	.300 to .399	.400 to .499	.500 to .599	.600 to .699	.700 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	3,615.4	75.8	752.3	1,613.7	753.6	255.7	76.0	70.8	17.5
Number of wells.....	Number.....	6,292	860	1,568	1,630	1,010	844	198	98	85
Total footage drilled.....	Thou. ft....	37,506	2,896	9,255	11,130	6,692	5,180	1,239	756	358
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,281.8	48.3	263.3	564.6	229.3	90.9	57.3	16.8	11.3
Number of wells.....	Number.....	2,847	628	840	701	284	200	124	32	38
Total footage drilled.....	Thou. ft....	15,912	1,867	4,567	4,810	2,019	1,481	836	196	136
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,219.5	47.4	384.9	1,065.9	458.8	151.8	51.2	39.6	19.9
Number of wells.....	Number.....	2,100	236	608	668	278	161	81	30	38
Total footage drilled.....	Thou. ft....	15,619	1,155	3,833	5,814	2,592	1,082	623	342	178
Development dry holes:										
Expenditures.....	Mil. dol....	951.2	-	78.5	327.5	230.5	103.8	97.1	33.7	80.1
Number of wells.....	Number.....	2,976	-	332	587	628	498	301	277	353
Total footage drilled.....	Thou. ft....	15,051	-	1,580	3,663	3,057	2,446	1,780	972	1,553
Development oil wells:										
Expenditures.....	Mil. dol....	3,609.4	-	346.2	1,631.9	789.8	224.1	202.8	254.0	160.6
Number of wells.....	Number.....	11,242	-	957	3,694	2,489	1,425	774	1,136	768
Total footage drilled.....	Thou. ft....	50,409	-	3,991	17,616	11,440	5,680	3,727	4,944	3,011
Development gas wells:										
Expenditures.....	Mil. dol....	4,150.7	-	240.0	1,473.4	1,089.8	457.4	377.7	199.3	313.2
Number of wells.....	Number.....	6,666	-	320	1,502	1,096	1,114	915	438	1,281
Total footage drilled.....	Thou. ft....	41,507	-	2,026	10,999	8,228	6,373	5,014	2,622	6,245
Expenditures for platforms.....	Mil. dol....	958.8	-	76.8	546.8	261.8	70.8			2.6
Drilling platforms <sup>1</sup> .....	..do.....	607.2	-	37.5	396.6	139.9	33.0			0.1
Production platforms <sup>2</sup> .....	..do.....	351.7	-	39.3	150.2	121.9	37.7			2.5
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	128,414.5	1,195.2	(D)	64,842.4	29,828.2	5,780.6	3,166.5	(D)	1,203.2
Oil and gas field properties.....	..do.....	126,016.5	998.8	(D)	63,743.8	29,494.4	5,549.8	3,056.2	(D)	1,148.5
Buildings, other structures, and machinery.....	..do.....	2,398.0	196.5	(D)	1,098.6	333.8	230.9	110.4	(D)	54.6
Capitalized expenditures.....	..do.....	33,523.5	139.1	(D)	14,019.7	8,363.0	1,968.1	1,024.4	(D)	546.9
Oil and gas field properties.....	..do.....	32,343.3	125.0	(D)	13,560.4	8,363.0	1,851.6	971.4	(D)	521.1
Buildings, other structures, and machinery.....	..do.....	1,180.1	14.2	(D)	459.3		116.6	53.0	(D)	25.8
Retirement and dispositions.....	..do.....	5,720.5	73.9	(D)	1,858.2	2,191.8	443.6	126.4	(D)	78.6
Oil and gas field properties.....	..do.....	5,327.6	72.1	(D)	1,815.8	2,191.8	430.9	122.1	(D)	75.8
Buildings, other structures, and machinery.....	..do.....	392.9	1.8	(D)	42.6		12.8	4.2	(D)	2.8
Gross book value of fixed assets (end of year).....	..do.....	156,217.5	1,260.4	20,473.6	77,003.7	35,999.5	7,305.1	4,064.5	8,439.2	1,671.6
Oil and gas field properties.....	..do.....	153,032.3	1,051.5	20,080.5	75,488.4	35,574.3	6,970.5	3,905.5	8,367.7	1,594.0
Buildings, other structures, and machinery.....	..do.....	3,185.2	208.9	393.1	1,515.2	425.2	334.6	159.1	71.5	77.6
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	10,764.5	83.3	1,559.3	5,219.2	2,774.9	428.4	267.0	319.5	112.9
Oil and gas field properties.....	..do.....	10,560.4	79.1	1,531.5	5,132.9	2,736.6	405.3	257.5	312.6	105.0
Buildings, other structures, and machinery.....	..do.....	204.1	4.2	27.9	86.4	38.3	23.1	9.5	6.9	8.0
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	59,818.8	397.1	8,547.1	31,934.3	13,484.8	2,113.3	1,070.8	1,944.9	326.5
Oil and gas field properties.....	..do.....	58,740.8	347.4	8,412.8	31,395.0	13,299.3	2,024.4	1,034.3	1,924.9	302.8
Buildings, other structures, and machinery.....	..do.....	1,077.9	49.7	134.3	539.4	185.4	88.9	36.5	20.0	23.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (2) Less than half of the unit of measurement shown.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 15. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	45.5	147.7	127.2	237.1	574.7	953.2	31.2	378.5
From stripper well leases.....	..do.....	290.0	6.2	27.7	18.7	24.6	39.6	115.2	15.9	42.1
Lease condensate.....	..do.....	106.8	6.6	9.9	11.6	11.4	22.3	42.0	1.9	1.0
Natural gas.....	Bil. cu. ft.	14,711.9	846.1	1,992.0	1,529.6	1,615.6	2,551.3	5,534.8	229.2	413.4
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>74,903.0</b>	<b>2,854.4</b>	<b>7,110.3</b>	<b>5,705.8</b>	<b>7,691.1</b>	<b>15,406.7</b>	<b>27,266.4</b>	<b>1,166.7</b>	<b>7,701.5</b>
Crude petroleum and condensate...	..do.....	49,371.7	1,005.8	3,355.4	2,788.8	4,875.0	10,964.3	18,610.0	787.6	6,984.9
Crude petroleum.....	..do.....	47,162.8	855.6	3,124.4	2,547.8	4,655.1	10,499.9	17,763.2	755.8	6,961.0
Lease condensate.....	..do.....	2,208.9	150.2	231.0	241.0	219.9	464.4	846.7	31.8	23.9
Natural gas.....	..do.....	23,442.7	1,789.9	3,566.7	2,565.6	2,535.1	4,002.8	8,031.9	342.2	608.3
Income from oil and gas royalties	..do.....	1,708.6	49.0	147.2	318.5	248.0	367.3	482.0	30.2	66.5
Other lease revenues from producing operations.....	..do.....	380.0	9.7	41.0	32.9	33.0	72.4	142.5	6.7	41.8
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>62,655.0</b>	<b>4,866.7</b>	<b>9,311.7</b>	<b>5,121.3</b>	<b>6,083.3</b>	<b>12,682.9</b>	<b>20,156.1</b>	<b>857.9</b>	<b>3,575.0</b>
Exploration expenditures.....	..do.....	20,830.8	2,590.7	2,488.2	2,059.3	2,380.1	4,517.0	6,060.1	206.8	528.8
Drilling and equipping wells <sup>1 2</sup>	..do.....	8,678.6	1,281.5	1,020.9	918.7	1,005.0	2,113.7	2,035.1	145.6	158.1
Dry holes.....	..do.....	3,615.4	572.5	405.1	376.0	378.6	810.2	905.1	32.7	135.1
Oil wells.....	..do.....	1,281.8	157.6	172.4	119.1	185.6	282.5	300.9	52.7	10.9
Gas wells.....	..do.....	2,219.5	444.7	311.7	267.3	250.0	427.1	441.7	66.5	10.3
Work-in-progress adjustment..	..do.....	1,561.9	106.7	131.6	156.3	190.8	593.7	387.4	-6.4	1.8
Lease and land acquisitions of nonproducing acreage.....	..do.....	7,899.2	989.8	1,076.2	657.5	940.4	1,364.0	2,646.7	23.8	200.8
Land department leasing and scouting.....	..do.....	274.7	17.9	44.4	45.1	36.3	40.7	77.8	11.0	1.6
Geological and geophysical.....	..do.....	1,871.0	87.4	157.7	117.4	210.8	494.4	750.6	9.5	43.1
Lease rents.....	..do.....	429.1	70.1	49.7	50.0	45.2	77.4	120.4	8.5	7.8
Test hole contributions.....	..do.....	28.0	0.8	5.0	1.6	1.0	11.0	8.1	0.3	0.2
Other exploration expenditures, including direct overhead.....	..do.....	757.4	64.4	51.5	145.4	74.5	165.7	248.5	0.9	6.4
General and administrative overhead, not reported elsewhere.....	..do.....	892.8	78.7	82.7	123.5	66.9	250.1	172.8	7.1	110.9
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>19,578.9</b>	<b>1,787.9</b>	<b>4,962.7</b>	<b>1,692.6</b>	<b>1,765.9</b>	<b>3,335.7</b>	<b>5,211.0</b>	<b>196.0</b>	<b>627.1</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	10,193.4	1,108.1	1,761.2	1,153.1	773.6	1,793.5	3,115.9	146.3	341.7
Dry holes.....	..do.....	951.2	168.5	207.7	98.8	50.9	124.5	257.1	28.7	15.0
Oil wells.....	..do.....	3,609.4	251.6	552.1	266.0	305.2	820.9	1,137.5	64.4	211.9
Gas wells.....	..do.....	4,150.7	625.4	882.1	608.4	279.5	533.3	1,139.3	42.9	39.8
Work-in-progress adjustment....	..do.....	1,482.1	62.6	119.3	179.9	138.0	314.8	582.1	10.3	75.1
Lease equipment <sup>3</sup> .....	..do.....	3,572.8	252.9	541.5	187.3	862.1	1,135.0	800.3	26.7	259.3
Lease and land acquisitions of producing acreage.....	..do.....	3,414.6	325.3	2,141.5	164.0	862.1	1,135.0	277.4	13.7	6.9
Fluid injection and improved recovery programs.....	..do.....	941.2	6.5	228.4	52.7	53.5	127.7	466.3	3.7	14.0
Other development expenditures, including direct overhead.....	..do.....	712.5	32.7	115.1	72.1	42.8	65.6	366.6	3.7	14.0
General and administrative overhead not reported elsewhere.....	..do.....	744.4	62.5	175.0	63.4	34.1	214.0	184.5	5.7	5.3
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>22,245.2</b>	<b>488.1</b>	<b>1,860.8</b>	<b>1,369.5</b>	<b>1,937.2</b>	<b>4,830.2</b>	<b>8,885.1</b>	<b>455.2</b>	<b>2,419.2</b>
Direct operating expenditures....	..do.....	9,461.9	256.3	812.5	709.5	891.7	1,907.5	3,892.1	224.1	768.3
Operating and maintenance.....	..do.....	7,507.9	217.7	673.9	586.0	618.2	1,493.0	3,121.4	169.6	627.9
Well workovers.....	..do.....	1,213.6	30.7	96.9	92.6	113.6	255.3	517.6	19.3	87.6
Other direct expenses.....	..do.....	740.5	7.9	41.7	30.9	159.7	159.3	253.0	35.2	52.7
Indirect operating expenditures..	..do.....	12,783.4	231.8	1,048.3	660.0	1,045.5	2,922.7	4,993.1	231.1	1,650.9
Ad valorem, production, and severance taxes.....	..do.....	4,564.9	102.9	380.9	267.3	356.9	967.4	1,702.8	85.7	701.0
General and administrative overhead.....	..do.....	1,709.8	52.2	111.4	104.6	115.8	356.8	729.6	47.8	191.5
Other indirect expenses including Federal excise taxes..	..do.....	6,508.7	76.7	556.0	288.0	572.9	1,598.6	2,560.6	97.5	758.4

See footnotes at end of table.

**Table 15. Detailed Statistics Grouped by the Ratio of Total Production Expenditures to Total Expenditures: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .149	.150 to .249	.250 to .299	.300 to .349	.350 to .399	.400 to .499	.500 to .599	.600 and over
<b>Drilling statistics:</b>										
Exploration dry holes:										
Expenditures.....	Mil. dol....	3,615.4	572.5	405.1	376.0	378.6	810.2	905.1	32.7	135.1
Number of wells.....	Number.....	6,292	1,367	987	735	780	861	765	329	468
Total footage drilled.....	Thou. ft....	37,506	8,240	5,064	4,902	4,195	5,243	6,079	1,210	2,573
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,281.8	157.6	172.4	119.1	185.6	282.5	300.9	52.7	10.9
Number of wells.....	Number.....	2,847	438	363	257	294	436	384	569	106
Total footage drilled.....	Thou. ft....	15,912	2,560	2,055	1,706	1,934	2,746	2,744	1,610	557
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,219.5	444.7	311.7	267.3	250.0	427.1	441.7	66.5	10.3
Number of wells.....	Number.....	2,100	438	345	416	238	271	235	125	32
Total footage drilled.....	Thou. ft....	15,619	3,123	2,232	2,644	1,811	2,505	2,386	814	104
Development dry holes:										
Expenditures.....	Mil. dol....	951.2	168.5	207.7	98.8	50.9	124.5	257.1	28.7	15.0
Number of wells.....	Number.....	2,976	635	573	307	374	344	397	259	87
Total footage drilled.....	Thou. ft....	15,051	3,634	3,156	1,802	1,197	1,363	2,650	737	512
Development oil wells:										
Expenditures.....	Mil. dol....	3,609.4	251.6	552.1	266.0	305.2	820.9	1,137.5	64.4	211.9
Number of wells.....	Number.....	11,242	957	1,762	1,137	799	1,798	3,113	971	705
Total footage drilled.....	Thou. ft....	50,409	4,968	8,751	4,740	3,771	8,436	13,810	2,248	3,685
Development gas wells:										
Expenditures.....	Mil. dol....	4,150.7	625.4	882.1	608.4	279.5	533.3	1,139.3	42.9	39.8
Number of wells.....	Number.....	6,666	1,408	1,414	1,153	390	649	1,250	256	147
Total footage drilled.....	Thou. ft....	41,507	7,827	9,291	6,923	2,527	4,330	9,027	763	819
Expenditures for platforms.....	Mil. dol....	958.8	169.9	140.1	44.2	107.8	246.7	236.2	-	13.9
Drilling platforms <sup>2</sup> .....	..do.....	607.2	106.4	47.2	44.2	107.8	199.9	178.8	-	13.9
Production platforms <sup>3</sup> .....	..do.....	351.7	63.4	92.8			46.8	57.4	-	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....	..do.....	128,414.5	8,002.7	13,830.9	11,962.3	14,021.0	24,315.2	48,887.4	1,541.2	5,853.8
Oil and gas field properties.....	..do.....	126,016.5	7,877.3	13,458.1	11,802.8	13,832.6	23,797.4	48,240.2	1,501.1	5,507.0
Buildings, other structures, and machinery.....	..do.....	2,398.0	125.4	372.8	159.5	188.4	517.8	647.2	40.0	346.9
Capitalized expenditures.....	..do.....	33,523.5	3,745.1	6,686.8	3,181.3	3,689.0	5,939.8	9,085.1	255.9	940.5
Oil and gas field properties.....	..do.....	32,343.3	3,705.1	6,529.3	3,181.3	3,689.0	5,939.8	8,884.2	248.7	855.6
Buildings, other structures, and machinery.....	..do.....	1,180.1	40.0	157.5				200.9	7.2	84.9
Retirement and dispositions.....	..do.....	5,720.5	577.0	698.8	489.0	618.5	638.0	2,345.2	69.1	284.8
Oil and gas field properties.....	..do.....	5,327.6	571.1	677.3	489.0	618.5	638.0	2,311.4	66.9	269.8
Buildings, other structures, and machinery.....	..do.....	392.9	5.9	21.5				33.8	2.2	15.0
Gross book value of fixed assets (end of year).....	..do.....	156,217.5	11,170.9	19,819.0	14,654.6	17,091.5	29,617.0	55,627.3	1,727.9	6,509.4
Oil and gas field properties.....	..do.....	153,032.3	11,011.3	19,310.1	14,461.9	16,822.4	28,837.9	54,813.1	1,682.9	6,092.7
Buildings, other structures, and machinery.....	..do.....	3,185.2	159.5	508.8	192.7	269.1	779.1	814.2	45.0	416.8
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	10,764.5	856.6	1,379.4	1,237.4	1,187.8	1,817.0	3,635.5	105.2	545.5
Oil and gas field properties.....	..do.....	10,560.4	845.8	1,345.4	1,223.2	1,169.5	1,777.6	3,571.1	102.0	525.8
Buildings, other structures, and machinery.....	..do.....	204.1	10.8	34.0	14.2	18.4	39.5	64.3	3.2	19.7
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	59,818.8	2,463.5	6,340.7	5,140.9	6,322.3	13,445.1	23,008.2	703.5	2,394.6
Oil and gas field properties.....	..do.....	58,740.8	2,425.1	6,197.5	5,063.9	6,238.3	13,236.3	22,614.4	685.5	2,279.9
Buildings, other structures, and machinery.....	..do.....	1,077.9	38.4	143.2	77.0	84.0	208.8	393.8	17.9	114.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 16. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .449	.450 to .499	.500 to .549	.550 to .599	.600 to .649	.650 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	904.1	315.8	485.2	239.9	248.9	71.2	47.7	182.4
From stripper well leases.....	..do.....	290.0	81.3	43.1	42.0	24.3	31.0	5.1	8.4	54.9
Lease condensate.....	..do.....	106.8	27.2	20.8	18.3	14.1	8.0	4.5	2.8	11.3
Natural gas.....	Bil. cu. ft.	14,711.9	3,808.1	2,467.7	2,551.8	1,697.4	1,477.4	568.1	474.0	1,667.4
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	74,903.0	23,046.0	10,333.3	14,132.3	7,684.2	7,714.0	2,797.4	1,984.2	7,211.6
Crude petroleum.....	..do.....	49,371.7	17,003.2	6,543.7	9,411.3	4,704.6	5,005.7	1,518.7	1,032.8	4,151.6
Lease condensate.....	..do.....	47,162.8	16,468.4	6,126.0	9,045.5	4,384.8	4,833.7	1,423.1	968.0	3,913.2
Natural gas.....	..do.....	2,208.9	534.7	417.7	365.8	319.7	172.1	95.6	64.8	238.4
Income from oil and gas royalties	..do.....	23,442.7	5,474.1	3,377.6	4,550.7	2,716.7	2,462.9	1,131.8	909.5	2,819.3
Other lease revenues from producing operations.....	..do.....	1,708.6	389.7	355.7	132.6	226.7	233.5	128.4	28.4	213.6
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	..do.....	62,655.0	20,330.3	8,805.2	9,347.5	6,950.5	6,767.2	2,467.8	1,833.1	6,153.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	20,830.8	6,182.1	2,935.2	3,088.9	2,790.0	2,258.1	1,178.3	617.1	1,781.2
Dry holes.....	..do.....	8,678.6	1,609.9	987.2	1,064.0	1,426.6	1,238.7	677.9	344.8	1,329.3
Oil wells.....	..do.....	3,615.4	724.4	392.5	446.9	518.2	519.6	287.3	191.0	535.6
Gas wells.....	..do.....	1,281.8	180.1	147.4	115.8	255.6	169.6	55.9	58.6	298.9
Work-in-progress adjustment..	..do.....	2,219.5	331.9	267.9	298.2	382.5	263.1	158.7	86.3	430.9
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	373.5	179.4	203.3	270.3	286.4	176.1	9.0	63.9
Land department leasing and scouting.....	..do.....	7,899.2	3,293.5	1,332.1	1,315.0	715.8	543.6	270.1	163.4	265.8
Geological and geophysical.....	..do.....	274.7	55.6	49.7	40.6	30.3	50.1	14.6	11.0	23.0
Lease rents.....	..do.....	1,871.0	486.9	274.1	410.6	263.4	256.2	76.5	46.7	56.6
Test hole contributions.....	..do.....	429.1	113.3	50.8	44.0	68.0	48.3	42.5	20.9	41.3
Other exploration expenditures, including direct overhead.....	..do.....	28.0	5.5	4.8	4.4	7.0	3.9	0.2	0.8	1.4
General and administrative overhead, not reported elsewhere.....	..do.....	757.4	230.5	162.9	102.0	138.7	67.2	26.3	10.7	19.1
<b>Development expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	892.8	386.9	73.5	108.2	140.3	50.0	70.3	18.8	44.7
Dry holes.....	..do.....	19,578.9	6,926.4	2,479.0	2,494.5	1,830.5	2,136.8	676.2	708.5	2,324.8
Oil wells.....	..do.....	10,193.4	1,964.1	1,316.4	1,527.3	1,058.3	1,334.5	476.2	544.7	1,971.9
Gas wells.....	..do.....	951.2	128.6	81.7	118.3	100.0	142.9	69.3	78.2	232.0
Work-in-progress adjustment..	..do.....	3,609.4	751.5	424.6	572.4	425.1	480.8	109.8	144.8	700.4
Lease equipment <sup>3</sup> .....	..do.....	4,150.7	562.3	522.8	621.1	436.2	514.6	220.7	310.1	962.8
Lease and land acquisitions of producing acreage.....	..do.....	1,482.1	521.7	287.2	215.5	96.9	196.1	76.5	11.6	76.6
Fluid injection and improved recovery programs.....	..do.....	3,572.8	1,316.1	314.3	544.7	462.3	530.0	137.9	97.6	169.9
Other development expenditures, including direct overhead.....	..do.....	3,414.6	2,820.2	273.7	210.5	144.0	81.0	17.2	18.6	55.0
General and administrative overhead, not reported elsewhere.....	..do.....	941.2	379.7	226.0			115.7		4.1	10.0
<b>Production expenditures:</b>										
Direct operating expenditures..	..do.....	712.5	134.7	239.1	135.9	74.7	21.7	27.6	12.0	66.9
Operating and maintenance.....	..do.....	744.4	311.7	109.5	76.2	91.2	54.0	19.3	31.4	51.2
Well workovers.....	..do.....	22,245.2	7,221.8	3,391.1	3,764.2	2,330.0	2,372.3	611.3	507.4	2,047.1
Other direct expenses.....	..do.....	9,461.9	2,529.9	1,635.5		976.7		282.4	283.2	1,124.7
Indirect operating expenditures	..do.....	7,507.9	2,032.2	1,451.9		772.1		224.8	208.9	893.2
Ad valorem, production, and severance taxes.....	..do.....	1,213.6	286.7	154.0		182.0		53.3	34.1	133.8
General and administrative overhead.....	..do.....	740.5	211.0	29.6		22.6		4.2	40.1	97.7
Other indirect expenses including Federal excise taxes	..do.....	12,783.4	4,691.9	1,755.5	3,764.2	1,353.3	2,372.3	329.0	224.3	922.5
	..do.....	4,564.9	1,720.9	624.1		461.8		132.6	111.1	362.7
	..do.....	1,709.8	762.9	195.5		167.4		62.7	48.2	187.5
	..do.....	6,508.7	2,208.1	936.0		724.1		133.6	64.9	372.4

See footnotes at end of table.

**Table 16. Detailed Statistics Grouped by the Ratio of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000 to .399	.400 to .449	.450 to .499	.500 to .549	.550 to .599	.600 to .649	.650 to .699	.700 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	3,615.4	724.4	392.5	446.9	518.2	519.6	287.3	191.0	535.6
Number of wells.....	Number.....	6,292	511	251	321	864	754	418	329	2,843
Total footage drilled.....	Thou. ft....	37,506	4,139	2,056	2,796	4,928	4,987	3,120	2,080	13,400
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,281.8	180.1	147.4	115.8	255.6	169.6	55.9	58.6	298.9
Number of wells.....	Number.....	2,847	236	97	105	432	299	130	128	1,422
Total footage drilled.....	Thou. ft....	15,912	1,704	997	795	2,678	1,778	789	723	6,448
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,219.5	331.9	267.9	298.2	382.5	263.1	158.7	86.3	430.9
Number of wells.....	Number.....	2,100	215	125	108	372	280	169	87	745
Total footage drilled.....	Thou. ft....	15,619	2,028	1,215	1,142	2,570	1,733	1,429	633	4,869
Development dry holes:										
Expenditures.....	Mil. dol....	951.2	128.6	81.7	118.3	100.0	142.9	69.3	78.2	232.0
Number of wells.....	Number.....	2,976	252	92	168	264	390	254	180	1,377
Total footage drilled.....	Thou. ft....	15,051	1,578	701	1,218	1,454	1,811	1,531	1,107	5,651
Development oil wells:										
Expenditures.....	Mil. dol....	3,609.4	751.5	424.6	572.4	425.1	480.8	109.8	144.8	700.4
Number of wells.....	Number.....	11,242	1,864	1,819	1,191	1,164	1,853	320	484	2,547
Total footage drilled.....	Thou. ft....	50,409	9,372	5,887	5,542	5,430	8,240	1,611	2,472	11,855
Development gas wells:										
Expenditures.....	Mil. dol....	4,150.7	562.3	522.8	621.1	436.2	514.6	220.7	310.1	962.8
Number of wells.....	Number.....	6,666	724	413	442	641	807	321	673	2,644
Total footage drilled.....	Thou. ft....	41,507	5,107	3,315	3,905	4,348	4,964	2,308	3,309	14,251
Expenditures for platforms.....	Mil. dol....	958.8	273.4	172.7	178.5	116.5	80.3	70.0	36.5	30.8
Drilling platforms <sup>2</sup> .....	..do.....	607.2	196.2	157.0	105.0	46.5	33.4	29.5	18.2	21.3
Production platforms <sup>3</sup> .....	..do.....	351.7	77.2	15.7	73.5	69.9	46.9	40.5	18.3	9.6
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	128,414.5	32,646.8	21,924.7	24,528.9	14,362.5	14,432.9	5,574.7	4,584.5	10,359.5
Buildings, other structures, and machinery.....	..do.....	126,016.5	31,903.8	21,715.9	24,106.6	14,119.7	14,278.1	5,501.3	4,434.1	9,956.9
Capitalized expenditures.....	..do.....	2,398.0	743.0	208.8	422.3	242.8	154.8	73.4	150.4	402.6
Oil and gas field properties.....	..do.....	33,523.5	11,531.0	4,902.1	4,631.3	3,587.0	3,440.0	1,645.5	1,167.1	2,619.5
Buildings, other structures, and machinery.....	..do.....	32,343.3	11,531.0	4,827.7	4,631.3	3,485.8	3,385.5	1,621.6	1,107.2	2,486.1
Retirement and dispositions.....	..do.....	1,180.1	74.4	3.9	101.2	54.5	23.9	59.8	133.5	133.5
Oil and gas field properties.....	..do.....	5,720.5	1,675.4	541.3	586.5	372.7	1,525.3	249.2	149.2	620.9
Buildings, other structures, and machinery.....	..do.....	5,327.6	1,675.4	537.4	586.5	359.1	1,504.7	243.0	145.0	603.2
Gross book value of fixed assets (end of year).....	..do.....	392.9	3.9	3.9	13.7	20.5	6.2	4.1	17.7	17.7
Oil and gas field properties.....	..do.....	156,217.5	42,502.4	26,285.5	28,573.8	17,576.8	16,347.6	6,971.0	5,602.4	12,358.2
Buildings, other structures, and machinery.....	..do.....	153,032.3	41,424.8	26,006.3	28,080.0	17,246.4	16,158.8	6,879.9	5,396.3	11,839.8
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	3,185.2	1,077.6	279.2	493.8	330.4	188.8	91.0	206.1	518.4
Oil and gas field properties.....	..do.....	10,764.5	2,967.6	2,009.2	1,812.0	1,206.9	857.6	589.8	363.5	957.7
Buildings, other structures, and machinery.....	..do.....	10,560.4	2,916.4	1,980.4	1,780.7	1,185.2	849.2	580.0	348.9	919.7
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	204.1	51.3	28.8	31.3	21.7	8.4	9.9	14.6	38.1
Oil and gas field properties.....	..do.....	59,818.8	16,060.7	11,569.8	9,773.5	7,172.3	7,047.0	2,229.4	1,993.1	3,973.0
Buildings, other structures, and machinery.....	..do.....	58,740.8	15,793.2	11,427.7	9,537.9	7,068.9	6,976.7	2,194.6	1,930.6	3,811.3
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	1,077.9	267.5	142.1	235.6	103.4	70.3	34.8	62.5	161.8

Notes: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 17. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	140.9	98.2	554.4	932.7	578.8	48.3	105.2	36.8
From stripper well leases.....	..do.....	290.0	37.9	22.0	62.2	95.2	25.6	12.6	22.2	12.4
Lease condensate.....	..do.....	106.8	1.2	6.9	23.5	47.8	11.6	5.3	8.7	1.8
Natural gas.....	Bil. cu. ft.	14,711.9	470.4	1,254.2	3,374.3	6,215.3	1,490.4	735.4	959.8	212.2
<b>Lease revenues:</b>										
Crude petroleum and condensate...	Mil. dol....	74,903.0	3,633.7	4,864.7	16,873.7	28,360.7	13,423.6	2,545.9	4,028.1	1,172.5
Crude petroleum.....	..do.....	49,371.7	2,948.1	2,404.3	11,034.1	18,385.7	10,494.7	1,120.2	2,226.7	757.9
Lease condensate.....	..do.....	47,162.8	2,917.7	2,256.0	10,582.4	17,384.8	10,244.9	1,007.6	2,042.8	726.6
Natural gas.....	..do.....	2,208.9	30.4	148.3	451.7	1,000.9	249.8	112.7	183.9	31.2
Income from oil and gas royalties	..do.....	23,442.7	632.8	2,135.4	5,449.1	9,268.2	2,605.9	1,371.3	1,614.0	365.8
Other lease revenues from producing operations.....	..do.....	1,708.6	35.4	289.5	324.0	619.9	266.1	40.5	90.2	43.0
<b>Expenditures (capitalized and expensed):</b>										
Exploration expenditures.....	..do.....	62,655.0	1,747.4	4,375.4	14,542.2	25,177.3	9,263.2	2,664.0	4,092.4	793.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	20,830.8	241.2	1,464.5	4,924.2	7,734.2	3,112.8	1,066.9	1,930.1	356.9
Dry holes.....	..do.....	8,678.6	100.7	658.9	1,654.9	3,132.3	1,451.3	539.2	900.0	241.4
Oil wells.....	..do.....	3,615.4	-	125.9	593.3	1,187.7	624.1	259.9	591.2	233.5
Gas wells.....	..do.....	1,281.8	20.7	176.4	192.3	538.0	171.0	68.2	102.2	12.9
Work-in-progress adjustment.....	..do.....	2,219.5	64.2	288.7	421.0	845.2	294.3	143.5	162.5	39.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	15.8	67.9	448.4	561.3	361.8	67.6	708.6	44.0
Land department leasing and scouting.....	..do.....	7,899.2	112.0	502.9	2,206.0	2,984.9	986.0	354.8	20.9	2.4
Geological and geophysical.....	..do.....	274.7	2.5	15.0	63.9	125.1	26.3	18.7	94.8	23.6
Lease rents.....	..do.....	1,871.0	2.7	70.3	530.5	781.9	308.7	58.6	49.9	31.7
Test hole contributions.....	..do.....	429.1	5.2	30.8	81.1	141.8	65.6	27.4	2.5	0.1
Other exploration expenditures, including direct overhead.....	..do.....	28.0	0.4	1.7	4.4	14.6			98.2	7.6
General and administrative overhead, not reported elsewhere.....	..do.....	757.4	7.4	112.7	155.4	279.4	66.7	30.0	55.2	6.1
<b>Development expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	892.8	10.4	72.2	228.2	274.2	208.2	38.2	1,040.7	78.2
Dry holes.....	..do.....	19,578.9	626.1	1,713.3	4,385.7	8,526.2	2,242.2	966.3	670.0	47.9
Oil wells.....	..do.....	10,193.4	459.5	1,122.8	2,484.2	3,607.1	1,257.3	544.6	167.1	26.1
Gas wells.....	..do.....	951.2	-	57.5	170.4	310.8	101.1	118.2	176.0	16.0
Work-in-progress adjustment.....	..do.....	3,609.4	249.2	388.9	776.6	1,302.0	574.3	126.4	300.6	32.3
Lease equipment <sup>3</sup> .....	..do.....	4,150.7	207.5	531.6	913.7	1,531.6	381.5	284.3	199.7	18.2
Lease and land acquisitions of producing acreage.....	..do.....	1,482.1	2.9	144.7	623.4	462.7	200.4	15.7	102.2	1.7
Fluid injection and improved recovery programs.....	..do.....	3,572.8	83.5	234.4	1,417.5	3,573.4	688.6	109.0	36.0	6.7
Other development expenditures, including direct overhead.....	..do.....	3,414.6	34.5	204.9	158.8	363.3	48.0		32.9	3.8
General and administrative overhead, not reported elsewhere.....	..do.....	941.2	2.3	43.1	142.2	612.6	97.9			
<b>Production expenditures:</b>										
Direct operating expenditures..	..do.....	712.5	34.8	61.0	158.8	363.3	48.0	47.0	1,121.6	357.9
Operating and maintenance.....	..do.....	744.4	11.5	47.1	183.1	369.8	59.2	37.1	519.5	195.9
Well workovers.....	..do.....	9,461.9	546.0	607.0	2,150.9	3,783.6	1,372.3	286.5	406.7	166.8
Other direct expenses.....	..do.....	7,507.9	395.4	510.5	1,722.2	3,058.0	1,015.1	233.1	78.6	19.1
Indirect operating expenditures	..do.....	1,213.6	95.9	62.1	428.7	725.6	195.0	36.8	34.2	9.9
Ad valorem, production, and severance taxes.....	..do.....	740.5	54.7	34.4	3,081.4	5,133.2	2,535.7	344.3	602.1	162.0
General and administrative overhead.....	..do.....	12,783.4	334.1	590.5	1,041.2	1,906.9	962.3	124.4	213.6	43.7
Other indirect expenses including Federal excise taxes	..do.....	4,564.9	92.8	180.0	386.9	679.4	158.1	93.0	120.9	32.6
	..do.....	1,709.8	126.3	112.5	1,653.3	2,547.0	1,415.3	126.9	267.5	85.8

See footnotes at end of table.



Table 17. Detailed Statistics Grouped by the Ratio of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1980—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 to .699	.700 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	3,615.4	-	125.9	593.3	1,187.7	624.1	259.9	591.2	233.5
Number of wells.....	Number.....	6,292	-	315	584	1,666	586	858	1,090	1,194
Total footage drilled.....	Thou. ft....	37,506	-	1,833	3,973	11,868	4,352	4,283	5,996	5,201
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,281.8	20.7	176.4	192.3	538.0	171.0	68.2	102.2	12.9
Number of wells.....	Number.....	2,847	124	396	476	754	255	376	373	94
Total footage drilled.....	Thou. ft....	15,912	479	2,389	2,286	5,126	1,578	1,560	1,902	592
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,219.5	64.2	288.7	421.0	845.2	294.3	143.5	162.5	
Number of wells.....	Number.....	2,100	250	307	288	653	185	225	191	
Total footage drilled.....	Thou. ft....	15,619	1,193	2,336	2,504	5,103	1,655	1,381	1,447	
Development dry holes:										
Expenditures.....	Mil. dol....	951.2	-	57.5	170.4	310.8	101.1	118.2	167.1	26.1
Number of wells.....	Number.....	2,976	-	273	407	701	316	347	595	338
Total footage drilled.....	Thou. ft....	15,051	-	1,231	2,489	4,672	1,391	1,662	2,713	893
Development oil wells:										
Expenditures.....	Mil. dol....	3,609.4	249.2	388.9	776.6	1,302.0	574.3	126.4	176.0	16.0
Number of wells.....	Number.....	11,242	1,269	1,928	1,913	3,579	1,100	652	668	132
Total footage drilled.....	Thou. ft....	50,409	5,273	7,247	9,131	18,044	4,912	2,449	2,949	404
Development gas wells:										
Expenditures.....	Mil. dol....	4,150.7	207.5	531.6	913.7	1,531.6	381.5	284.3	300.6	
Number of wells.....	Number.....	6,666	1,071	1,069	1,164	1,812	406	580	565	
Total footage drilled.....	Thou. ft....	41,507	4,780	6,732	7,819	13,482	2,684	3,089	2,921	
Expenditures for platforms.....	Mil. dol....	958.8	54.5		372.1	206.5	145.3	76.3	104.1	
Drilling platforms <sup>2</sup> .....	..do.....	607.2	34.5		268.7	122.6	101.7	31.0	48.7	
Production platforms <sup>3</sup> .....	..do.....	351.7	20.0		103.4	84.0	43.6	45.3	55.4	
Gross book value of fixed assets (beginning of year) <sup>4</sup> :										
Oil and gas field properties.....	..do.....	128,414.5	3,945.1	9,770.2	32,064.0	48,558.9	18,333.7	5,970.5	8,287.6	1,484.3
Buildings, other structures, and machinery.....	..do.....	126,016.5	3,636.6	9,493.2	31,459.6	47,839.9	18,117.9	5,892.6	8,125.6	1,451.0
Capitalized expenditures.....	..do.....	2,398.0	308.5	277.0	604.4	719.0	215.8	77.9	162.0	33.3
Oil and gas field properties.....	..do.....	33,523.5	591.8	2,895.0	8,083.3	13,250.9	4,363.3	1,766.8	2,259.8	312.6
Buildings, other structures, and machinery.....	..do.....	32,343.3	533.8	2,778.6	8,083.3	13,250.9	4,288.5	1,746.1	2,211.9	306.5
Retirement and dispositions.....	..do.....	1,180.1	58.0	116.4			74.8	20.7	47.9	6.1
Oil and gas field properties.....	..do.....	5,720.5	219.1	296.1	1,299.0	1,514.5	612.8	1,275.5	374.5	128.9
Buildings, other structures, and machinery.....	..do.....	5,327.6	203.4	286.5	1,299.0	1,514.5	603.7	1,260.9	365.9	128.4
Gross book value of fixed assets (end of year).....	..do.....	392.9	15.7	9.7			9.2	14.6	8.6	0.5
Oil and gas field properties.....	..do.....	156,217.5	4,317.9	12,369.0	38,848.4	60,295.3	22,084.2	6,461.9	10,172.8	1,668.0
Buildings, other structures, and machinery.....	..do.....	153,032.3	3,967.0	11,985.4	37,961.9	59,336.8	21,802.7	6,377.9	9,971.6	1,629.1
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	3,185.2	350.9	383.7	886.4	958.6	281.4	84.0	201.3	38.9
Oil and gas field properties.....	..do.....	10,764.5	199.4	1,098.2	2,670.0	3,973.8	1,412.9	528.2	750.0	132.1
Buildings, other structures, and machinery.....	..do.....	10,560.4	182.8	1,070.0	2,619.4	3,902.0	1,401.5	521.7	734.8	128.2
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	204.1	16.6	28.2	50.6	71.8	11.4	6.5	15.2	3.9
Oil and gas field properties.....	..do.....	59,818.8	877.2	3,827.8	13,977.5	24,944.1	9,847.6	1,817.2	3,913.2	614.2
Buildings, other structures, and machinery.....	..do.....	58,740.8	785.1	3,718.4	13,718.8	24,535.9	9,764.4	1,776.6	3,841.7	600.1
	..do.....	1,077.9	92.1	109.4	258.7	408.2	83.2	40.7	71.5	14.1

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 18. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1980**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .099	.100 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,495.2	144.6	946.8	784.1	123.7	357.2	41.3	40.9	56.5
From stripper well leases.....	..do.....	290.0	41.9	80.6	88.9	17.7	31.9	9.7	9.0	10.3
Lease condensate.....	..do.....	106.8	2.3	32.3	39.2	8.4	13.9	3.6	4.3	2.9
Natural gas.....	Bil. cu. ft.	14,711.9	567.0	4,087.7	5,044.2	1,440.4	2,479.9	461.9	324.7	306.1
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	74,903.0	4,156.4	24,875.5	23,591.0	5,287.6	11,679.7	1,834.3	1,567.8	1,910.8
Crude petroleum.....	..do.....	49,371.7	3,196.5	18,114.0	15,318.2	2,627.9	7,190.9	859.8	910.0	1,154.5
Lease condensate.....	..do.....	47,162.8	3,142.8	17,481.0	14,534.5	2,431.6	6,874.9	785.9	824.9	1,087.2
Natural gas.....	..do.....	2,208.9	53.7	633.0	783.6	196.2	316.0	74.0	85.1	67.3
Income from oil and gas royalties	..do.....	23,442.7	881.3	6,105.9	7,590.7	2,516.0	4,122.4	930.8	614.6	681.0
Other lease revenues from pro-	..do.....	1,708.6	39.7	528.8	537.0	123.9	334.1	35.6	36.9	72.5
ducing operations.....	..do.....	380.0	38.9	126.8	145.1	19.8	32.3	8.1	6.4	2.8
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	62,655.0	1,867.1	21,507.9	18,425.6	5,364.0	10,508.5	1,430.4	1,625.4	1,926.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	20,830.8	41.7	5,642.6	5,907.7	2,269.4	4,157.0	660.4	880.0	1,272.0
Dry holes.....	..do.....	8,678.6	-	1,379.4	2,080.6	955.6	2,364.6	390.4	558.8	949.1
Oil wells.....	..do.....	3,615.4	-	653.6	888.6	443.8	857.0	133.6	295.0	343.8
Gas wells.....	..do.....	1,281.8	-	115.6	309.1	142.1	375.8	83.4	108.5	147.2
Work-in-progress adjustment..	..do.....	2,219.5	-	260.0	527.4	227.4	632.3	144.6	136.2	291.6
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,561.9	-	350.1	355.5	142.4	499.4	28.9	19.2	166.5
Land department leasing and scouting.....	..do.....	7,899.2	20.6	2,840.2	2,621.8	920.6	945.1	142.9	206.1	201.8
Geological and geophysical.....	..do.....	274.7	3.8	87.3	81.2	29.1	45.6	10.9	12.2	4.6
Lease rents.....	..do.....	1,871.0	3.8	622.7	585.3	160.3	426.0	32.3	28.5	12.2
Test hole contributions.....	..do.....	429.1	3.3	105.3	107.6	44.0	113.6	23.5	17.3	24.6
Other exploration expenditures, including direct overhead.....	..do.....	28.0	0.3	7.2	8.6	1.9				
General and administrative overhead, not reported elsewhere.....	..do.....	757.4	4.9	180.9	284.9	97.7	132.8	13.7	18.2	24.2
Development expenditures.....	..do.....	892.8	4.9	419.6	137.7	60.2	129.4	46.8	38.8	55.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	19,578.9	839.4	8,033.3	5,097.1	1,715.2	2,872.9	355.1	387.7	278.1
Dry holes.....	..do.....	10,193.4	617.1	3,506.3	2,612.8	1,059.2	1,697.3	264.8	271.3	164.5
Oil wells.....	..do.....	951.2	60.0	278.2	193.6	113.8	188.6	39.9	54.8	22.3
Gas wells.....	..do.....	3,609.4	280.6	1,131.7	985.3	317.0	674.4	90.5	85.1	44.8
Work-in-progress adjustment..	..do.....	4,150.7	279.3	1,237.4	1,110.2	478.8	698.5	125.7	123.9	97.0
Lease equipment <sup>3</sup> .....	..do.....	1,482.1	-2.8	859.0	323.8	149.6	135.8	8.7	7.5	0.5
Lease and land acquisitions of producing acreage.....	..do.....	3,572.8	112.2	1,253.2	850.8	303.6	852.7	54.0	64.2	82.1
Fluid injection and improved recovery programs.....	..do.....	3,414.6	30.0	2,224.1	803.1	216.2	80.9	10.5	28.1	21.9
Other development expenditures, including direct overhead.....	..do.....	941.2	3.7	441.5	346.2	50.5	90.3	0.8	8.0	0.1
General and administrative overhead, not reported elsewhere.....	..do.....	712.5	51.9	250.0	317.3	29.8	48.4	7.2	4.7	3.2
Production expenditures.....	..do.....	744.4	24.6	358.3	167.0	55.9	103.3	17.8	11.3	6.3
Direct operating expenditures..	..do.....	22,245.2	986.0	7,832.0	7,420.7	1,379.4	3,478.5	414.9	357.7	376.1
Operating and maintenance....	..do.....	9,461.9	600.1	2,828.2	3,146.9	699.9	1,528.7	216.5	196.7	244.9
Well workovers.....	..do.....	7,507.9	440.9	2,343.5	2,474.0	588.9	1,129.3	164.8	158.7	207.8
Other direct expenses.....	..do.....	1,213.6	101.8	354.7	342.4	73.1	252.2	30.5	31.7	27.2
Indirect operating expenditures	..do.....	740.5	57.4	130.0	330.6	38.0	147.2	21.2	6.3	9.9
Ad valorem, production, and severance taxes.....	..do.....	12,783.4	385.8	5,003.8	4,273.8	679.5	1,949.9	198.4	161.0	131.2
General and administrative overhead.....	..do.....	4,564.9	123.0	1,753.1	1,578.2	303.4	621.5	72.5	74.3	39.0
Other indirect expenses including Federal excise taxes	..do.....	1,709.8	121.9	769.5	435.3	87.9	183.2	52.9	25.7	33.3
	..do.....	6,508.7	140.9	2,481.3	2,260.3	288.2	1,145.1	73.0	61.0	58.9

See footnotes at end of table.

**Table 18. Detailed Statistics Grouped by the Ratio of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1980—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			.000	.001 to .099	.100 to .149	.150 to .199	.200 to .249	.250 to .299	.300 to .399	.400 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	3,615.4	-	653.6	888.6	443.8	857.0	133.6	295.0	343.8
Number of wells.....	Number.....	6,292	-	665	721	484	915	739	1,206	1,561
Total footage drilled.....	Thou. ft....	37,506	-	4,922	5,902	3,729	6,905	2,869	6,197	6,982
Exploration oil wells:										
Expenditures.....	Mil. dol....	1,281.8	-	115.6	309.1	142.1	375.8	83.4	108.5	147.2
Number of wells.....	Number.....	2,847	-	158	367	175	558	198	447	945
Total footage drilled.....	Thou. ft....	15,912	-	1,112	2,638	1,438	3,958	1,002	1,927	3,837
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,219.5	-	260.0	527.4	227.4	632.3	144.6	136.2	291.6
Number of wells.....	Number.....	2,100	-	169	290	178	498	195	156	613
Total footage drilled.....	Thou. ft....	15,619	-	1,711	2,625	1,515	4,027	991	1,122	3,628
Development dry holes:										
Expenditures.....	Mil. dol....	951.2	60.0	278.2	193.6	113.8	188.6	39.9	54.8	22.3
Number of wells.....	Number.....	2,976	606	612	317	228	326	255	522	110
Total footage drilled.....	Thou. ft....	15,051	1,875	3,886	2,164	1,552	1,846	1,073	2,112	543
Development oil wells:										
Expenditures.....	Mil. dol....	3,609.4	280.6	1,131.7	985.3	317.0	674.4	90.5	85.1	44.8
Number of wells.....	Number.....	11,242	2,200	3,245	2,624	830	1,303	470	424	145
Total footage drilled.....	Thou. ft....	50,409	7,451	15,328	11,851	4,140	6,871	1,894	2,102	772
Development gas wells:										
Expenditures.....	Mil. dol....	4,150.7	279.3	1,237.4	1,110.2	478.8	698.5	125.7	123.9	97.0
Number of wells.....	Number.....	6,666	1,635	1,644	1,292	512	866	293	321	103
Total footage drilled.....	Thou. ft....	41,507	7,056	11,935	8,825	3,804	5,293	1,657	2,060	877
Expenditures for platforms.....	Mil. dol....	958.8	1.2	278.4	280.9	150.1	116.9	42.0	35.5	53.8
Drilling platforms <sup>2</sup> .....	..do.....	607.2	1.2	212.4	207.8	84.3	116.9	16.3	22.6	28.5
Production platforms <sup>3</sup> .....	..do.....	351.7		66.0	73.1	65.8		25.6	12.9	25.3
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	128,414.5	4,067.3	41,500.0	40,949.6	10,177.7	21,273.9	4,007.1	2,920.9	3,517.9
Buildings, other structures, and machinery.....	..do.....	126,016.5	3,741.6	40,848.2	40,348.3	10,058.9	20,765.2	3,909.3	2,872.6	3,472.3
Capitalized expenditures.....	..do.....	2,398.0	325.7	651.8	601.3	118.8	508.7	97.8	48.3	45.5
Oil and gas field properties.....	..do.....	33,523.5	532.9	11,661.0	9,378.0	3,547.4	5,524.8	795.4	1,005.7	1,078.3
Buildings, other structures, and machinery.....	..do.....	32,343.3	463.3	11,287.8	9,378.0	3,547.4	5,340.7	774.4	990.3	1,069.1
	..do.....	1,180.1	69.6	373.3		184.1	21.0	15.5	9.2	
Retirement and dispositions.....	..do.....	5,720.5	133.1	1,199.1	2,538.5		681.2	593.6	260.8	161.3
Oil and gas field properties.....	..do.....	5,327.6	119.9	1,175.8	2,538.5	681.2	571.7	254.5	159.7	151.2
Buildings, other structures, and machinery.....	..do.....	392.9	13.3	23.3		21.9	6.3	1.6	1.6	
Gross book value of fixed assets (end of year).....										
Oil and gas field properties.....	..do.....	156,217.5	4,467.0	51,961.9	47,789.1	13,043.9	26,205.1	4,541.7	3,765.4	4,443.5
Buildings, other structures, and machinery.....	..do.....	153,032.3	4,085.0	50,960.2	47,021.2	12,909.1	25,534.2	4,429.2	3,703.2	4,390.3
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	3,185.2	382.0	1,001.8	767.9	134.8	670.9	112.5	62.2	53.2
Oil and gas field properties.....	..do.....	10,764.5	177.8	3,509.2	3,315.6	889.2	1,804.9	347.8	292.3	427.6
Buildings, other structures, and machinery.....	..do.....	10,560.4	156.9	3,446.4	3,259.6	879.0	1,769.0	339.4	287.4	422.7
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	204.1	20.9	62.9	56.0	10.1	35.9	8.4	4.9	5.0
Oil and gas field properties.....	..do.....	59,818.8	1,034.0	18,560.0	20,498.2	4,408.3	11,071.6	1,672.7	1,134.4	1,439.6
Buildings, other structures, and machinery.....	..do.....	58,740.8	924.9	18,260.5	20,168.5	4,351.3	10,872.6	1,632.0	1,109.2	1,421.8
	..do.....	1,077.9	109.0	299.5	329.7	57.0	199.0	40.7	25.2	17.8

Note: Detailed figures may not add to totals because of independent rounding.

- Represents zero.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.



# Appendix A. MA-13K Form and Instructions

A-1

PENALTY FOR FAILURE TO REPORT

DUE DATE: APRIL 30, 1981

Form Approved O.M.B. No. 0607-0174

<p><b>FORM MA-13K</b> (1-23-81)</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS</p> <p style="text-align: center;"><b>1980 ANNUAL SURVEY OF OIL AND GAS</b></p> <hr/> <p><b>Please complete and return this form as soon as possible after receipt to</b></p> <p style="text-align: right;"><b>BUREAU OF THE CENSUS</b> 1201 East Tenth Street Jeffersonville, Indiana 47132</p> <hr/> <p><b>NOTE</b> - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.</p> <p>If book figures are not available, carefully prepared estimates are acceptable. Complete every item.</p> <p>If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.</p>	<p><b>NOTICE</b> - Response to this inquiry is required by law (title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.</p> <p>In correspondence pertaining to this report please refer to this Census File Number</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b>PLEASE RETURN THIS COPY</b></p> <p style="text-align: center;"><small>Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.</small></p>
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## GENERAL INSTRUCTIONS

### ▶ PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ▶ WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during the year is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during the year is required to submit data for column (m).

#### ▶ WHAT ACTIVITIES SHOULD BE REPORTED?

This report should include production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use; maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ▶ WHAT PERIOD SHOULD REPORT COVER?

This report should cover the calendar year. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ▶ HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquids plants.

#### ▶ HOW SHOULD DATA BE ROUNDED?

All data entries except employment and net company interest well counts should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ▶ HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

▶ **1. By Geographic Area** - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

▶ **2. By Lease Classification** - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

▶ **3. By Operator** - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ▶ HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State, and ZIP code)	Telephone
			Area code    Number    Extension
	This report is substantially accurate and covers the period from _____ to _____		
	Name of company	Address (Number and street, city, State, and ZIP code)	
Signature of authorized person	Title	Date	

1980 ANNUAL SURVEY OF OIL AND GAS																				
Line number	Item	Unit of measure	NET COMPANY INTEREST BASIS										LEASE CLASSIFICATION				OPERATOR		GROSS OPERATOR BASIS	
			GEOGRAPHICAL AREA					Lower 48					On/lf leases (h)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)	TOTAL OPERATOR ACCOUNT (m)	Line number	
			Alaska		Onshore (f)	Offshore (g)	Onshore (d)	Offshore (e)	Onshore (c)											
(a)	(b)	(c)	(d)	(e)						(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)		
I. SALES VOLUMES																				
A. Total crude petroleum and condensate																				
1		Thousand barrels	01024	01032	01040	01057	01065	01073				01081	01099	01107	01115					1
2	1. From stripper well leases (included in line 1)	Thousand barrels	02022	02030	02048	02055	02063	02071				02089	02097	02105	02113					2
3	2. Lease condensate (included in line 1)	Thousand barrels	03020	03038	03046	03053	03061	03069				03087	03095	03103	03111					3
4	B. Natural gas	Million cubic feet	04028	04036	04044	04051	04059	04067				04085	04093	04101	04109					4
5	III. TOTAL LEASE REVENUES																			
6	A. Total crude petroleum and condensate		06015	06023	06049	06056	06064	06072				06080	06088	06096	06104	06112				6
7	1. Crude petroleum		07013	07021	07047	07054	07062	07070				07088	07096	07104	07112					7
8	2. Lease condensate		08011	08019	08045	08052	08060	08068				08086	08094	08102	08110					8
9	B. Natural gas		09019	09027	09043	09050	09058	09066				09084	09092	09100	09108	09116				9
10	C. Income received from oil and gas royalties		10017	10025	10041	10058	10066	10074				10092	10100	10108	10116					10
11	D. Other lease revenues from producing operations		11015	11023	11049	11056	11064	11072				11090	11098	11106	11114					11
12	III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)																			
13	A. Total exploration expenditures		13011	13019	13045	13052	13060	13068				13086	13094	13102	13110					12
14	1. Total drilling and equipping wells		14019	14027	14043	14050	14058	14066				14084	14092	14100	14108					13
15	a. Dry holes		15016	15024	15040	15057	15065	15073				15091	15099	15107	15115					14
16	b. Oil wells		16014	16022	16048	16055	16063	16071				16089	16097	16105	16113					15
17	c. Gas wells		17012	17020	17046	17053	17061	17069				17087	17095	17103	17111					16
18	d. Work-in-progress adjustment		18010	18018	18044	18051	18059	18067				18085	18093	18101	18109					17
19	2. Lease and land acquisitions of nonproducing acreage		19019	19028	19042	19059	19068	19077				19095	19104	19113	19122					18
20	3. Land department, leasing, and scouting		20016	20024	20040	20057	20065	20073				20091	20099	20107	20115					19
21	4. Geological and geophysical		21014	21022	21048	21055	21063	21071				21089	21097	21105	21113					20

FORM MA 13K (1.2.3-01)

## 1980 ANNUAL SURVEY OF OIL AND GAS

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Page 3

NET COMPANY INTEREST BASIS													
Line number	Item  (Thousands dollars)	Gross book value of fixed assets at the end of the year	Geographic area				TOTAL UNITED STATES	Asset reclassification adjustment	Retirements and disposition of fixed assets during the year	Capitalized expenditures during the year	Depreciation, depletion, or amortization of fixed assets		
			ALASKA			Charges during the year					Balance of accumulated charges	Line number	
			Onshore	Offshore	Offshore								
47	V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS		47050	47058	47076	47084	47092	47100	47108			47	
48	A. Total oil and gas field properties		48056	48066	48074	48082	48090	48108	48116			48	
49	1. Nonproducing properties		49056	49064	49072	49080	49098	49106	49114			49	
50	a. Leaseholds		50054	50062	50070	50088	50096	50104	50112			50	
51	b. Other pre-development accounts		51052	51060	51078	51086	51094	51102	51110			51	
52	2. Producing properties		52050	52058	52076	52084	52092	52100	52108			52	
53	a. Leaseholds		53058	53066	53074	53082	53090	53108	53116			53	
54	b. Intangible drilling and development accounts		54056	54064	54072	54080	54098	54106	54114			54	
55	c. Lease and well equipment		55053	55061	55079	55087	55095	55103	55111			55	
56	3. Work-in-progress		56051	56059	56077	56085	56093	56101	56109			56	
57	a. Intangible drilling and development accounts		57059	57067	57075	57083	57091	57109	57117			57	
58	b. Lease and well equipment		58057	58065	58073	58081	58099	58107	58115			58	
59	B. Buildings, other structures, and machinery		59055	59063	59071		59097	59105	59113			59	
VIII. METHOD OF ACCOUNTING (Mark one) 1 <input type="checkbox"/> Successful efforts 2 <input type="checkbox"/> Full cost 3 <input type="checkbox"/> Other - Describe _____ Remarks _____													
NET COMPANY INTEREST BASIS													
Line number	Item	Unit of measure	GEOGRAPHICAL AREA				GROSS OPERATOR BASIS	TOTAL OPERATOR ACCOUNT	Onshore	Offshore	Offshore		
			ALASKA			Charges during the year						Balance of accumulated charges	Line number
			Onshore	Offshore	Offshore								
60	VI. DRILLING: PHYSICAL DATA FOR WELLS A. Exploration 1. Dry holes	Number	61010	61020	61038	61044	61051	61069					
61	a. Wells	Thou. feet	62018	62026	62034	62042	62059	62067					
62	2. Oil wells	Number	63016	63024	63032	63040	63057	63065					
63	b. Total footage drilled	Thou. feet	64014	64022	64030	64048	64055	64063					
64	a. Wells	Number	65011	65029	65037	65045	65052	65060					
65	b. Total footage drilled	Thou. feet	66019	66027	66035	66043	66050	66058					
66	B. Development 1. Dry holes	Number	67017	67025	67033	67041	67058	67066					
67	a. Wells	Thou. feet	68015	68023	68031	68049	68056	68064					
68	2. Oil wells	Number	69013	69021	69029	69047	69054	69062					
69	b. Total footage drilled	Thou. feet	70011	70029	70037	70045	70052	70060					
70	a. Wells	Number	71019	71027	71035	71043	71050	71058					
71	b. Total footage drilled	Thou. feet	72017	72025	72033	72041	72058	72066					
72	VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS, TOTAL	Thou. dollars	73015	73023	73031	73049	73056	73064					
73	A. Drilling platforms	Thou. dollars	74013	74021	74029	74047	74054	74062					
74	B. Production platforms	Thou. dollars											

1980 ANNUAL SURVEY OF OIL AND GAS  
INSTRUCTIONS FOR COMPLETING FORM MA-13K

**I. SALES VOLUMES**

► **Line 1 — Total crude petroleum and condensate** — Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (j), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

► **Line 2 — From stripper well leases (included in line 1)** — Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

► **Line 3 — Lease condensate (included in line 1)** — Report the lease condensate sales volume included in total crude petroleum and condensate.

► **Line 4 — Natural gas** — Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (j), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

**II. TOTAL LEASE REVENUES**

► **Line 5 — Total lease revenues** — Report the totals of lines 6, 9, 10, and 11.

► **Lines 6, 7, and 8 — Crude petroleum and condensate** — Report values comparable to the related volumes reported in I. SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (j), report the revenues received from crude petroleum and lease condensates sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues derived from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 9 — Natural gas** — Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (j), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and nonoperating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 10 — Income received from oil and gas royalties** — Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interest, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

► **Line 11 — Other lease revenue from producing operations** — Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

**III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)**

► **Line 12 — Total expenditures (Capitalized and expensed)** — Report on this line the totals of lines 13, 26, and 37. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 28 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 36, and 44 depreciation may be charged for office buildings, etc., where the total cash expenditure for such facilities are not reported elsewhere.

► **Line 13 — Total exploration expenditures** — Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

► **Line 14 — Total drillings and equipping wells** — Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

NOTE For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 15 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells; expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total costs for drilling and equipping exploratory dry holes on properties which you operated. Include non-operator costs.

► **Instructions for lines 16 and 17 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings; expenditures for roads, grading, etc.; expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (j), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total costs for drilling and equipping successful exploratory wells on properties which you operated. Include non-operators costs.

**III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued**

► **Line 16 — Oil wells** — Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

► **Line 17 — Gas wells** — Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

► **Line 18 — Work-in-progress adjustment** — Report the net amount of work in progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

► **Line 19 — Lease and land acquisition of non-producing acreage** — In columns (c) through (j), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

► **Line 20 — Land department, leasing, and scouting** — In columns (c) through (j), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing, and rentals which should be reported on lines 19 or 22.

► **Line 21 — Geological and geophysical** — In columns (c) through (j), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & C and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

► **Line 22 — Lease rentals** — In columns (c) through (j), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures, which should be reported on line 20, and advance rentals which are actually in the nature of a bonus, which should be reported on line 19.

► **Line 23 — Test hole contributions** — Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

► **Line 24 — Other exploration expenditures, including direct overhead** — Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially district field exploration functions, e.g., district supervisory salaries; ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 25 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and research and development (R&D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata shares or in accordance with your company's allocation practice.

► **Line 26 — Total development expenditures** — In column (c), report the totals of lines 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36.

► **Line 27 — Total drilling and equipping wells** — Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 40. Enter in "remarks" estimates for the number of wells, additional footages, and cost for old wells drilled deeper and redrilled wells. Also exclude expenditures for service wells which are to be reported on line 34 or 35. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 28 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with development dry wells; expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures for drilling development dry holes.

In column (m), report the total costs for drilling and equipping development dry holes on properties which you operated. Include non-operators costs.

► **Instructions for lines 29 and 30 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells; expenditures for roads, grading, etc.; expenditures for drilling platforms; and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (j), report the net Company interest in all expenditures for drilling successful development wells.

In column (m), report the total costs for drilling and equipping successful development wells on properties which you operated. Include non-operator costs.

► **Line 29 — Oil wells** — Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 30 — Gas wells** — Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 31 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE Data for lines 32, 33, 34, and 35 are to be combined for reporting in columns (k) and (l).

### ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

▶ **Line 32 — Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow lines, flow tanks, field separators, heater-treaters, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.

▶ **Line 33 — Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations.

Do not include acreage originally acquired as nonproducing acreage which has been transferred to producing acreage when production was obtained.

▶ **Line 34 — Fluid injection and improved recovery programs** — Include gas injection, water injection, steam injection, miscible phase, insitu combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Include pumps, compressors, engines, tankage, and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells, or other wells required for primary production operations. This is a component of other development expenditures, including direct overhead, line 35.

▶ **Line 35 — Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines 27, 32, 33, or 34 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for capital equipment constructed or purchased. Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

▶ **Line 36 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 35. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

▶ **Line 37 — Total production expenditures** — Report on this line the totals of lines 38, and 42. Do not include expenditures applicable to gas processing plants or gas systems.

▶ **Line 38 — Total direct operating expenditures** — Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 39, 40, and 41.

▶ **Line 39 — Operating and maintenance** — Report the net Company interest in normal daily operating expenses such as wages and transportation for field personnel directly associated with oil and gas production, materials and supplies consumed, and field office expenses as well as surface repair and maintenance on lease equipment. Also report all other operating and maintenance expenses except work over expense which is reported on line 40.

▶ **Line 40 — Well workovers** — Report the net Company interest in all expenditures directly related to well workovers including expensed material, contract labor, etc.

▶ **Line 41 — Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines 38 and 40. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)

▶ **Line 42 — Total indirect operating expenses** — Report on this line the totals on lines 43, 44, and 45.

▶ **Line 43 — Ad valorem, production, and severance taxes** — Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 35. Do not include State or Federal income taxes or Federal excise taxes.

▶ **Line 44 — General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 36.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

▶ **Line 45 — Other indirect expenses, including Federal excise taxes** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 43 and 44. Report Federal excise tax expense attributable to the Crude Oil Windfall Profit Tax Act of 1980 including adjustments such as those resulting from the net income limitation provision. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

### ▶ IV. TOTAL EMPLOYMENT

▶ **Line 46 — Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during the pay period, exclude members of Armed Forces, and pensioners carried on your active rolls. Exclude officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are storage warehouses, garages, repair shops, research, development, and testing laboratories.

### ▶ V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS

▶ **Column (b) and columns (f) through (j)** — Total gross book value of fixed assets — Enter the acquisition cost of the fixed assets on the books of this company. Report your own net company interest value before depreciation, depletion, and amortization of all oil and gas field assets, whether operated or non-operated, excluding the value of any assets belonging to others. In column (b), report the beginning of the year figures and in columns (f) through (j) report the end of the year figures.

If leases were acquired during the year, the value at the end of the year, columns (f) to (j), should represent your purchase cost adjusted for capital expenditures, column (c), and dispositions, column (d) since the time of purchase.

Include used assets purchased during the year at their market value at the time of acquisition rather than at the prior owner's book value.

▶ **Column (k) — Capital expenditures during the year** — Report the actual capital outlays during 1980, not the final value of expenditures put in place during the year. Capital expenditures during 1980 may be determined by the following computation: (a) the cost

### ▶ V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS — Continued

▶ **Column (c) — Capital expenditures during the year — Continued**

of additions completed during the year, plus (b) work-in-progress at the end of the year, minus (d) work-in-progress at the beginning of the year. Include labor and installation costs whether on contract or by your own labor forces. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained.

Do not include the cost of maintenance and repairs charged as current operating expenses. Report replacements as well as additions to capacity for new depreciable assets. Report the value of improvements and capitalized repair to machinery and equipment. Report expenditures for old or existing facilities and for secondhand equipment acquired from others (including the U.S. Government.) Include the value of assets such as producing leases acquired from other operating companies during the year at your company's purchase cost. This column should exclude that portion of item (II) charged to current accounts during the year.

▶ **Column (e) — Asset reclassification adjustment** — Report the net adjustments in asset values necessary to balance beginning of the year to end of the year data for lines 49 to 58 when assets shift from nonproducing or work-in-progress categories. For example, adjustments are necessary to balance lines 50 and 53 when a leasehold changes from a nonproducing to a producing property (from column (b) to column (f)). Entries to work-in-progress categories may be negative or positive.

▶ **Column (k) — Depreciation, depletion, and amortization charges during the year** — Report the reduction in value of depreciable, depletable, or amortizable assets (reported in column (f)) brought about through use, gradual obsolescence, the effects of the elements (decay or corrosion), oil or gas extraction, etc. Include charges against assets acquired or completed during the year (generally for oil and gas field properties in the production phase of operations). Report cost of depletion as an allocation of wasting investment rather than percentage or statutory depletion used for Federal income tax purposes.

▶ **Column (l) — Accumulated depreciation, depletion, and amortization** — Report the balance of accumulated charges for depreciation, depletion, and amortization of assets carried on your bookkeeping records at the end of the year. This amount subtracted from column (f) should compute net fixed assets at the end of the year for lines 47 through 59.

Instructions for lines 47 through 59

In lines 47 through 59, column (b) plus column (c) minus column (d) plus column (e) should equal column (f).

Companies using the full cost method of accounting that do not maintain separate accounts for nonproducing, producing, and work-in-progress categories should make reasonable estimates of these breakouts.

▶ **Line 47 — Total fixed assets and other related accounts** — Report your own net company interest in columns (b) through (l), whether operated or nonoperated. Report on this line the sum of lines 48 and 59.

▶ **Line 48 — Total oil and gas properties** — Report on this line the sum of lines 49, 52, and 56.

▶ **Line 49 — Nonproducing properties** — Report on this line the sum of lines 50 and 51.

▶ **Line 50 — Leaseholds** — Report the values of leases for undeveloped acreage and land held for exploration purposes. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands. Include the value of leaseholds for nonproducing properties where work is in progress.

▶ **Line 51 — Other pre-development accounts** — Report all other capitalized values including geological and geophysical expenditures, land department cost, etc., relating to undeveloped acreage. Companies using the full cost accounting method should include capitalized dry hole values for unproven leases.

▶ **Line 52 — Producing properties** — Report the values of properties which are producing, including shut-in leases. Report on this line the sum of lines 53, 54, and 55.

▶ **Line 53 — Leaseholds** — Report values of leases and land for producing acreage. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands.

▶ **Line 54 — Intangible drilling and development accounts** — Report values from capitalized intangible drilling and development accounts. Include wages, fuel, repairs, hauling, and supplies, incident to and necessary for the drilling of wells and the preparation of wells for production of oil and gas. Costs of drilling or development work done by contractors are also intangible drilling and development costs.

▶ **Line 55 — Lease and well equipment** — Report values for tangible well equipment such as casing, tubing, wellhead fittings, etc., and lease equipment such as flow tanks, field separators, heater-treaters, and related field facilities. Include drilling and production platforms. Exclude mobile drilling rigs, transportation equipment, and field service equipment which should be reported on line 59. Values for items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines, lease gas gathering lines not part of gasoline or cycling plants, etc. should be included.

▶ **Line 56 — Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year end. Report on this line the sum of lines 57 and 58.

For new construction on other improvement projects in progress but not yet completed, include in the value of fixed assets the cumulative capital expenditures for such projects already in place at the beginning and end of the year, respectively. These accounts are not usually carried in depreciation, depletion, and amortization categories. Exclude the value of nonproducing leaseholds which should be reported on line 50.

▶ **Line 57 — Intangible drilling and development accounts** — Report the value of work-in-progress accounts for capitalized intangible drilling and development operations. Also see line 54 instructions.

▶ **Line 58 — Lease and well equipment** — Report values for tangible lease and well equipment for leases where work is in progress but wells and other lease facilities are not yet completed for production.

▶ **Line 59 — Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line 48. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, cafeterias, change rooms, etc. Include a pro rata share of the value of centralized computer facilities used to monitor and control production, to optimize drilling rates or drilling mud mixtures, etc. Exclude non-field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

### ▶ VI. DRILLING, PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR

For lines 60 through 71, columns (c) through (g), report the number of gas wells, oil wells and dry holes completed during the report year and the respective footage drilled on the basis of your net company interest in the wells. For example, if your company's share in the cost of drilling and equipping a well is on a 50 percent working interest basis and the well is drilled to total depth of 10 thousand feet, measured along the well bore, your company should report 0.5 well and 5 thousand feet of related footage drilled. The sum of your fractional interest for the number of wells should be rounded to the nearest tenth, i.e., 10.7 wells. For column (h), report the gross number of wells and footage drilled for which you were the operator. For reasonableness checks, the number of wells and footage drilled data should be related to the expenditures reported under columns (c) through (g) and (m) for lines 15, 16, 17, 28, 29, and 30, e.g., calculate average cost per foot and per well. Also compute average depth per well.

### ▶ VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS

Report total expenditures during the year for drilling and production platforms, whether such platforms were located on inland waters or offshore. Drilling platform expenditures should be included in expenditures for drilling and equipping exploratory and development wells under lines 14 through 18 and lines 27 through 31. Expenditures for production platforms should be included under line 32. However, expenditures for drilling platforms and production platforms also should be reported under lines 72, 73, and 74.

IMPORTANT  
NOTE

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170.

## Form Approved: O.M.B. No. 41-R2797

For clarification of instructions or for resolution of other reporting problems, please write to the Bureau of the Census, Industry Division or call Frank Roy at (301) 763-7170.

## 1980 ANNUAL SURVEY OF OIL AND GAS

**Item I - PRODUCTS - CRUDE PETROLEUM (INCLUDING LEASE CONDENSATE) AND NATURAL GAS SALES**

Report the total quantity and value (f.o.b. well) of products shipped from leases that your concern operated. Include production payment, royalty, and nonoperating working interest shares. Report the volume of raw (wet) natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting.

	LN 1	Unit of measure	Quantity	Value (Thousand dollars)
		(a)	(b)	(c)
Crude petroleum, including lease condensate (Report volumes corrected to 60 degrees Fahrenheit.)		Thousand barrels	01115	06114 \$
Natural gas (Adjust all volumes to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.)	2	Million cubic feet	04119	09118 \$

**Item II - TOTAL EMPLOYMENT**

Report oil and gas field employees who worked or received pay for any part of the pay period including March 12. Exclude proprietors or partners. Include persons on paid sick leave, holidays, and vacations during the pay period; exclude members of armed forces and pensioners carried on your active rolls. Include officers of the concern, if incorporated.

3	Number
	46110

**Item III - WELLS DRILLED AND COMPLETED DURING THE YEAR**

Report the footage drilled at the deepest total depth. Report the total costs of drilling and equipping wells. Include costs for labor, supplies, water, fuel, casing, tubing, wellhead fittings, site preparation, road building, drilling hole, cementing casing, hauling materials, etc. Deduct the value of material salvaged after use. Do not reduce costs by test well and dry hole contributions.

Kind of wells drilled	EXPLORATION			DEVELOPMENT		
	Number of wells	Footage	Costs	Number of wells	Footage	Costs
	(a)	(Thousand feet) (b)	(Thousand dollars) (c)	(d)	(Thousand feet) (e)	(Thousand dollars) (f)
Oil	4 62067	63065	16113 \$	68064	69062	29116 \$
Gas	5 64063	65060	17111 \$	70060	71068	30114 \$
Dry	6 60061	61069	15115 \$	66068	67066	28118 \$

**Item IV - REMARKS****Item V - PERSON TO CONTACT REGARDING THIS REPORT**

Name (Please print)	Title	Telephone		
		Area code	Number	Extensor

**Item VI - CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.**

Signature of authorized official	Title and organization	Date

## Appendix C. Description of Survey Sample

For gross operator basis statistics, the 1980 Annual Survey of Oil and Gas used two samples. A listing from the 1977 Census of Mineral Industries, which arrayed companies in ascending order of total value of crude petroleum and natural gas shipments, was the universe from which the primary sample was selected. This primary universe consisted of those companies classified as operators of crude petroleum and natural gas fields (companies primarily engaged in exploration, development, and production activities of crude petroleum and natural gas fields for their own account) as well as oil and gas field service companies which shipped crude petroleum or natural gas as a secondary activity. The companies selected for the primary sample accounted for 93 percent (uninflated) of the total value of crude petroleum and natural gas shipped in 1977.

In addition to this primary sample, a supplemental sample was selected from a universe of companies that were in the 1978 American Association of Petroleum Geologists/American Petroleum Institute well ticket file but were not part of the 1977 Census of Mineral Industries universe. This supplemental sample was initiated to obtain representative data for companies that did not have a chance of being selected in the primary sample. Many of these companies were not in scope of the 1977 Census of Mineral Industries by definition; e.g., they did not have paid employees or may have been inactive during the census year. Companies that were smaller than the selected mailout cutoff levels for the various economic censuses also could have been engaged in oil and gas field operations but had been exempted from census reporting in order to reduce the respondent burden of small businesses.

The primary sample is the sole source of data for net company interest statistics. The primary sample was augmented by the addition of about 40 companies with large nonoperating working interest identified in trade literature or in special coverage questionnaires sent to companies whose 1973 data indicated that they had sizable operations for the account of others.

As part of the primary sample selection, a certainty universe was first defined based upon three variables, namely the sum total of crude petroleum and natural gas sales, drilling costs, and footage. Any company whose value for at least one of these variables exceeded designated cut-off limits was automatically included in the sample panel. For the remaining companies, a random sample was selected with probability proportionate to an assigned measure of size (PPS). Measure of size was defined to be the sum total of crude petroleum and natural gas sales. Similarly, for the supplemental universe, a certainty stratum was defined based upon a cut-off value for total depth drilled. All companies whose value exceeded the cut-off were

included in the sample with certainty. For the remaining companies of this universe, a random sample was drawn with probabilities proportionate to total depth drilled.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate company weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.
2. Analytical tabulations where the companies are grouped according to the value of some key ratio, and totals are derived for each group by summing the weighted data across all companies in the group.
3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for statistics comprising the basic tabulations. Based on independent PPS sampling, the variance ( $\sigma_{x'}^2$ ) estimator used was

$$\sigma_{x'}^2 = \sum_h W_h (W_h - 1) X_h^2,$$

where

$W_h$  =  $h$ th company weight,

$X_h$  = unweighted value for the  $h$ th company.

Relative standard errors ( $V_{x'}$ ) were then obtained by the formula

$$V_{x'} = \frac{\sigma_{x'}}{X'},$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.





## Appendix D. Qualifications of the Data

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used

to define confidence intervals, ranges which could be expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimates for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate, almost always.

Table D-1 contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 includes the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

Table D-1. Selected Statistics and Relative Standard Error Estimates: 1980

Item	Unit of measure	Reporting basis			
		Gross operator			Net company interest
		Total	Primary sample	Supplemental sample	
Crude petroleum and condensate . . . . .	Mil. dol . . . . .	63,434.9	61,402.5	2,032.4	49,371.7
Natural gas . . . . .	. . . .do . . . .	33,296.5	32,194.4	1,102.1	23,442.7
Assets (end of year) . . . . .	. . . .do . . . .	(X)	(X)	(X)	156,217.5
Drilling expenditures:					
Exploration dry holes . . . . .	. . . .do . . . .	5,131.5	4,620.2	511.3	3,615.4
Exploration oil wells . . . . .	. . . .do . . . .	1,954.8	1,566.6	388.2	1,281.8
Exploration gas wells . . . . .	. . . .do . . . .	3,282.0	2,819.3	462.7	2,219.5
Development dry holes . . . . .	. . . .do . . . .	1,369.4	1,140.5	229.1	951.2
Development oil wells . . . . .	. . . .do . . . .	5,043.7	4,247.7	796.0	3,609.4
Development gas wells . . . . .	. . . .do . . . .	5,631.1	5,011.4	619.7	4,150.7
Relative standard error estimates for:					
Crude petroleum and condensate . . . . .	Percent . . . . .	1	1	7	2
Natural gas . . . . .	. . . .do . . . .	2	2	9	2
Assets (end of year) . . . . .	. . . .do . . . .	(X)	(X)	(X)	1
Drilling expenditures:					
Exploration dry holes . . . . .	. . . .do . . . .	2	2	14	2
Exploration oil wells . . . . .	. . . .do . . . .	4	4	13	4
Exploration gas wells . . . . .	. . . .do . . . .	6	5	29	3
Development dry holes . . . . .	. . . .do . . . .	4	5	13	6
Development oil wells . . . . .	. . . .do . . . .	3	3	8	2
Development gas wells . . . . .	. . . .do . . . .	4	4	15	3

(X) Not applicable.



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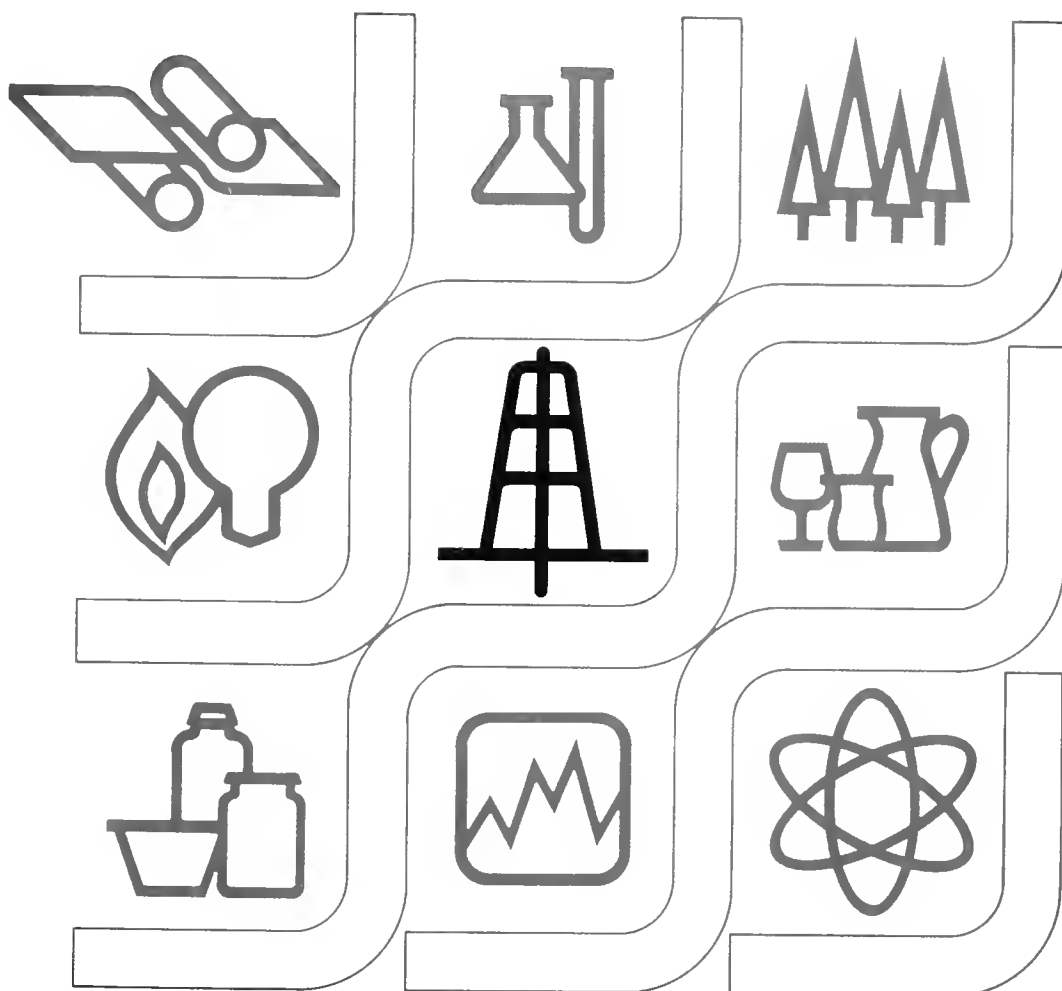
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MA-13K(81)-1

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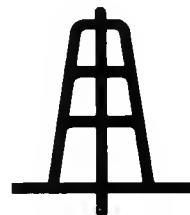
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# **Current Industrial Reports**

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Issued March 1983

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## **Annual Survey of Oil and Gas, 1981**

MA-13K(81)-1



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**Shirley Kallek**, Associate Director  
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INDUSTRY DIVISION  
Roger H. Bugenhagen, Chief

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**ACKNOWLEDGMENTS**—This report was prepared in the Industry Division, Bureau of the Census, under the direction of **John P. McNamee**, Chief, Minerals Branch. **Frank W. Roy** was assisted by **Sam T. Davis**, **Eddie J. Salyers**, and **Linda L. Porter** in the review of the data and preparation of the report. **Gerald Turnage** was assisted by **Kenneth Harris** in providing computer programming services. **Barbara Majewski** coordinated the support services with the Data Preparation Division. **Roger Bugenhagen**, Division Chief, and **Jacob Silver**, Assistant Chief for Mineral Industries and Special Reports, provided overall direction and coordination to this project.

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# Introduction

## GENERAL

This report contains statistics on oil and gas field exploration, development, and production from the 1981 Annual Survey of Oil and Gas. The 1981 survey is the ninth of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity. This survey focuses on exploration expenditures which represent efforts put forth to find new or extend known oil and gas reserves, development expenditures which measure activities to develop productive capacity from proven reserves, and production expenditures which measure the operation and maintenance activities at producing properties.

The data in this report were collected on two basis: gross operator and net company interest. Under gross operator, individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated irrespective of ownership interest; thus gross operator statistics include working interest, production payments, and royalty interest of all owners. Net company interest statistics represent the net ownership share of concerns which had operating or non-operating working interest in oil and gas field leases. The major portion of the Annual Survey of Oil and Gas is concerned with financial statistics reported on a net company interest basis since the industry's bookkeeping records are primarily maintained on an ownership basis. Gross operator based statistics are presented in this survey in order to provide statistics that are comparable with oil and gas field operator statistics from the census of mineral industries. Measures which relate to employment are more appropriately collected on an operator rather than on an ownership basis due to extensive arrangements in the oil and gas industry whereby concerns operate properties owned by others.

Two questionnaires were used to collect data for this survey: Form MA-13K and Form MA-13K(S). Copies of these forms are shown in appendixes A and B. Form MA-13K surveyed data on both gross operator and net company interest bases. Form MA-13K(S) was surveyed solely on a gross operator basis.

The census of mineral industries company list formed the universe from which the Form MA-13K respondents were selected. The Form MA-13K sample has been designated the primary sample. From 1979 to 1981, an abstract of companies from the American Association of Petroleum Geologists/American Petroleum Institute's well ticket file was the universe from which Form MA-13K(S) respondents were selected. This supplemental sample was introduced to augment coverage of drilling statistics. In the 1979 and 1980 publications of this survey, separate primary and supplemental survey results were presented in order to provide a basis for linking 1979 and 1980

gross operator basis survey results with 1973 through 1978 figures which were limited solely to primary sample results. See appendixes C and D for further detail on sample design and qualifications of data.

Statistics presented for operators will be greater for the same or similar items than for net company interest figures in this survey for several reasons. First, the Form MA-13K(S) respondents were not requested to report net company interest data. Second, the census of mineral industries from which the primary sample was selected does not include companies that were solely royalty and nonworking interest holders; therefore, a representative sample of such concerns could not be obtained.

The tables in this report are essentially of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies (tables 3, 4, 5, 8, 10, and 11).
2. Analytical tabulations where the companies are grouped according to percentage size classes, and totals are derived for each group by summing the weighted data across all companies in the group (tables 12 through 18). Table A lists the data items used for computing percentages.
3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group (tables 1, 2, 6A, 6B, 7A, 7B, and 9).

Table A. Data Items Used for Computing Percentages for  
Tables 12 Through 18

(See appendix A for copy of report form and instructions)

Table number	Numerator line number(s) and column(s) on report form and instructions	Denominator line number(s) and column(s) on report form and instructions
<sup>1</sup> 12	2f	1f
13	13c	12c
14	26c	12c
15	37c	12c
16	14c + 27c	13c + 26c
17	15c + 28c	14c + 27c
18	14c	12c

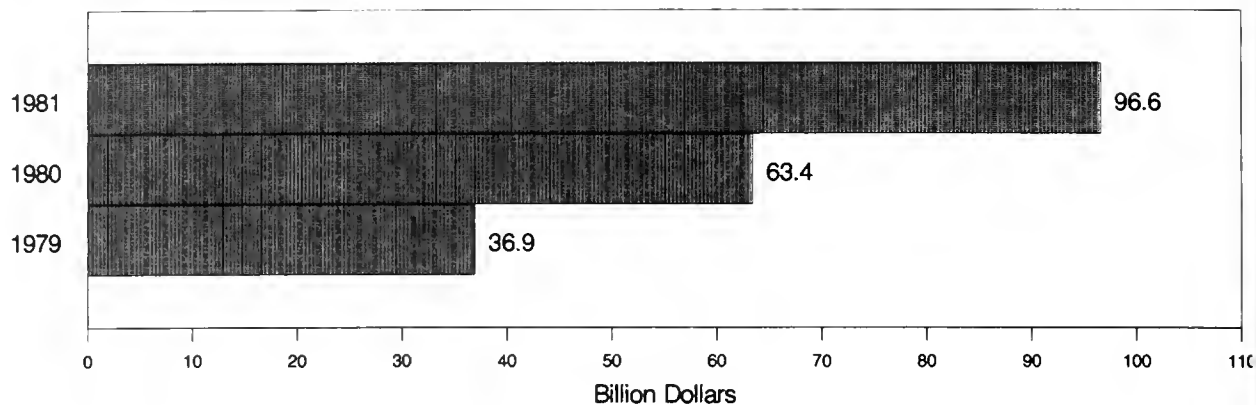
<sup>1</sup> For example, the percentages used to disaggregate data for table 12 were obtained by dividing the quantity of crude petroleum and condensate reported for stripper well leases in the lower 48 States (line 2, column f) by the total quantity of crude petroleum and condensate reported (line 1, column f) for each company. The percentages for other tables were derived in a similar manner.

## CHART A.

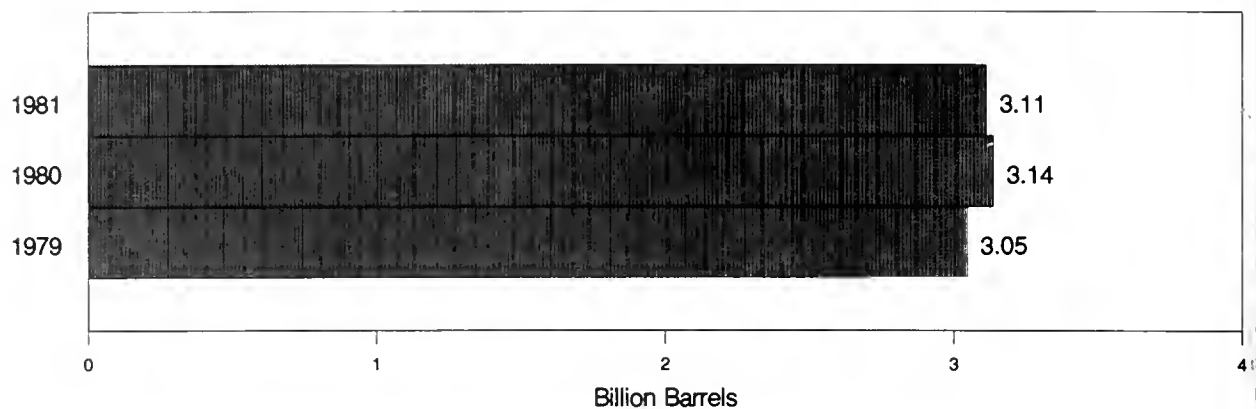
**Revenue, Sales Volume, and Average Unit Value  
for Crude Petroleum/Condensate: 1979 to 1981**

(Gross Operator Basis)

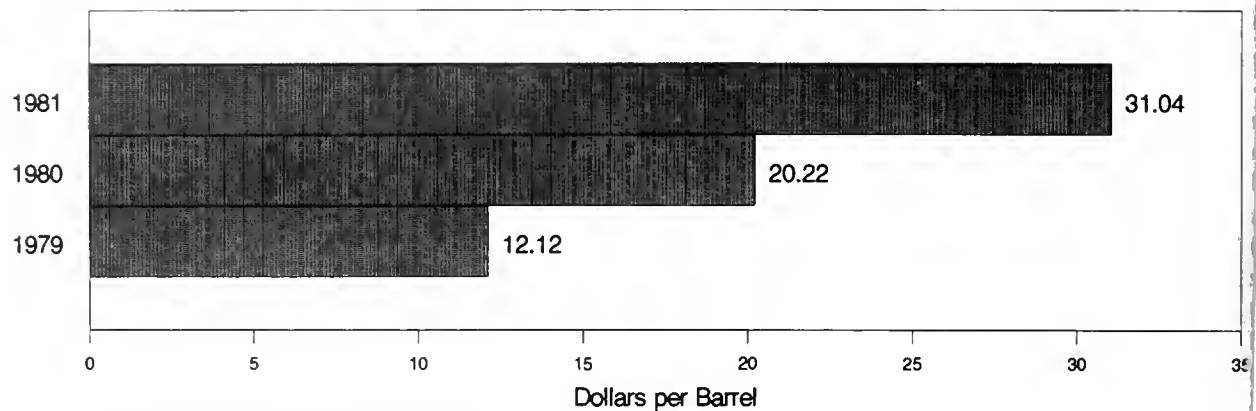
## Revenue



## Sales Volume



## Average Unit Value



The information in the following text is based on statistics that appear in tables 1, 2, 4, 5, 6A, 6B, 8, 10, 11, and 12. All monetary figures in the text and tables are shown in current dollars.

## GROSS OPERATOR BASED STATISTICS

### Revenues, Volumes, and Expenditures

Revenues for crude petroleum, condensate, and natural gas on a gross operator basis amounted to \$141,222 million in 1981, an increase of 46 percent from the 1980 figure of \$96,731 million.

Crude petroleum and condensate accounted for 68 percent of 1981 revenues and amounted to \$96,601 million. This was an increase of 52 percent from the 1980 figure of \$63,435 million. The 1981 gross operator sales volume of 3,112 million barrels of crude petroleum and condensate was less than 1 percent below the 1980 level of 3,137 million barrels. The average unit value of crude petroleum increased from \$20.22 to \$31.04 per barrel or 54 percent between 1980 and 1981. These changes are illustrated in chart A.

Revenues for natural gas increased 34 percent to \$44,622 million from 1980 to 1981. During the same period, natural gas unit values increased by 33 percent. Natural gas sales volumes increased by 1 percent from 20,063 billion cubic feet in 1980 to 20,252 billion cubic feet in 1981. These changes are illustrated in chart B.

Chart C shows that the total expenditures for drilling and equipping wells that were completed during 1981 reached \$35,901 million. This was a 60-percent increase over the 1980 figure of \$22,413 million. In 1981, expenditures for completed development wells amounted to \$19,002 million while expenditures for completed exploration wells were \$16,899 million. In each year since the surveys inception in 1973, expenditures for completed development wells exceeded those for exploration well completions.

From 1973 to 1975, expenditures for completed oil wells slightly exceeded expenditures for completed gas wells. Between 1976 and 1981, expenditures for completed gas wells exceeded expenditures for completed oil wells. (See chart C.) Expenditures for all gas wells completed during 1981 amounted to \$13,124 million, while expenditures for all oil wells completed were \$12,115 million.

A number of factors such as expected product prices, estimates of recoverable reserves, and estimated costs determine whether or not a well can be operated economically. A dry hole is defined as a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.<sup>1</sup> This category, in conformance with standard industry nomenclature, includes wells that are temporarily abandoned even though substantial quantities of oil and gas may have been discovered. Separate data for temporarily abandoned wells are not available.

The number of wells completed during 1981 (68,622) accounted for 375,816,000 feet drilled. The number of wells completed and their corresponding footages drilled increased 25 to 31 percent, respectively, over their 1980 levels. Concurrently, costs of drilling and equipping wells increased 60 percent from 1980 to 1981. Chart D illustrates that while most of the footage drilled was accomplished by smaller companies, larger companies drilled deeper wells and had higher costs per foot for their drilling and equipping operations.

## NET COMPANY INTEREST BASED STATISTICS

### Revenues, Volumes, and Expenditures

Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totaled \$75,256 million in 1981 with a volume of 2,422 million barrels. Natural gas revenues were \$30,249 million with a quantity of 14,477 billion cubic feet.

Of the 2,422 million barrels of crude petroleum and condensate, 1,696 million barrels were produced from leases containing only oil wells, 87 million barrels (condensate) were produced from gas leases, and 659 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 14,477 billion cubic feet of natural gas showed that 9,744 billion cubic feet were produced from leases containing only gas wells, 1,455 billion cubic feet (casinghead gas) were produced from leases containing only oil wells, and 3,278 billion cubic feet were produced from leases containing both oil and gas wells.

Of the 1981 total expenditures of \$98.6 billion, exploration accounted for \$30.7 billion; development, \$25.0 billion; and production, \$42.9 billion (see chart E). This represents an increase of 48, 28, and 93 percent, respectively, and an overall increase of 57 percent since 1980. About two-thirds of this increase in production expenditures was attributable to Federal excise taxes paid on crude petroleum production. These taxes were reported within "other indirect (production) expenses including Federal excise taxes," item III.C2c on the form, which increased from \$6.5 billion in 1980 to \$20.6 billion in 1981.

The changes in the relationship of expenditures to revenues since 1977 by company size groupings are shown in chart F. From year to year there have been variations in the expenditures to revenues relationships by different size groups. Generally, smaller companies tended to have higher percentages of expenditures to revenues (see the group of companies ranked 101 to 150) than larger companies, e.g., the largest 24 companies.

### Stripper Well Statistics

Stripper well lease sales, that is sales from leases whose average daily production of crude petroleum and condensate per well did not exceed 10 barrels per day during the preceding calendar year, have generally shown a positive relationship to crude petroleum price increases. Stripper well production, which was sold at uncontrolled prices, increased 52 percent

<sup>1</sup>Standard Definitions for Petroleum Statistics, Technical Report No. 1, American Petroleum Institute, third edition, 1981.

## CHART B.

**Revenue, Sales Volume, and Average Unit Value  
for Natural Gas: 1979 to 1981**

(Gross Operator Basis)

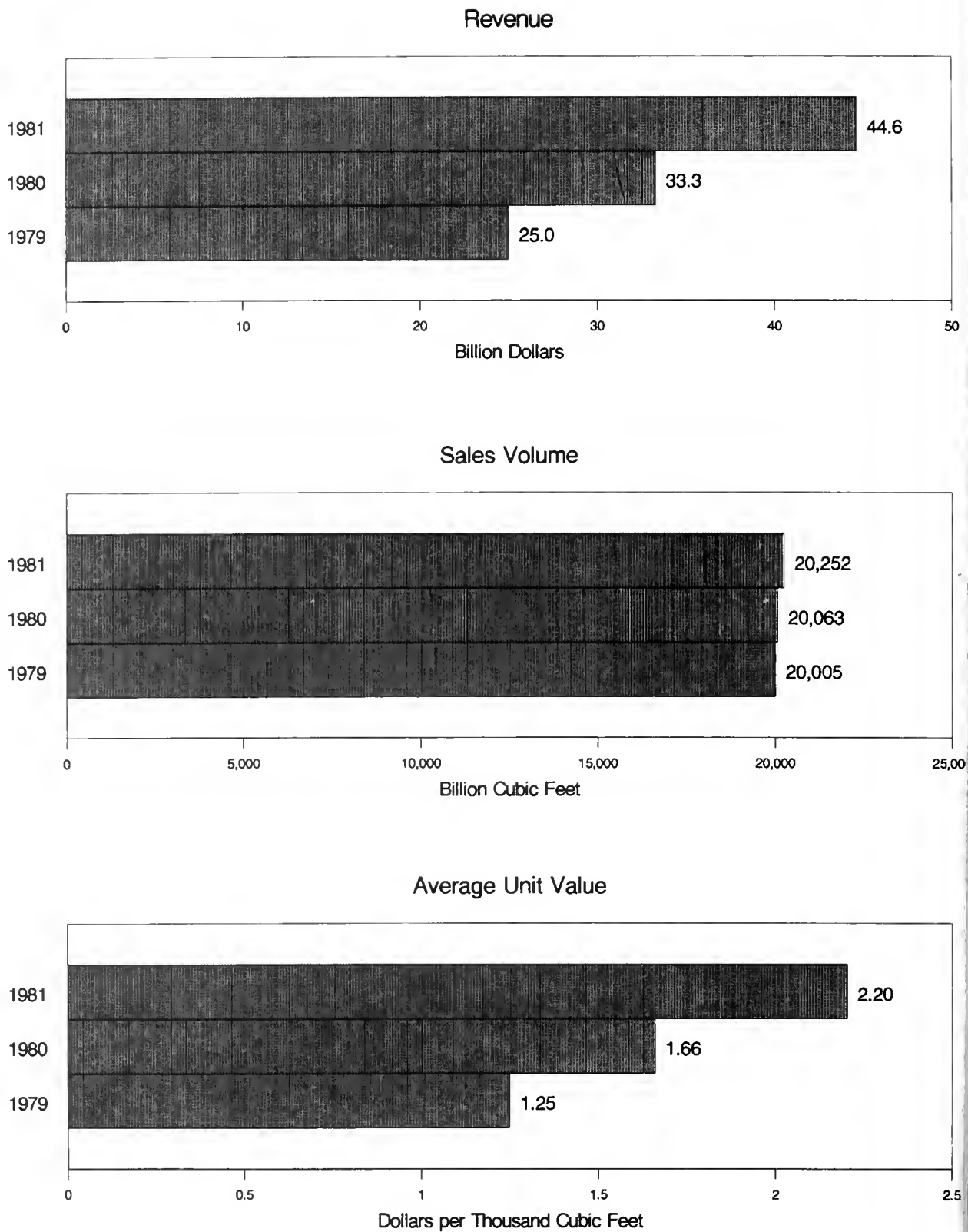
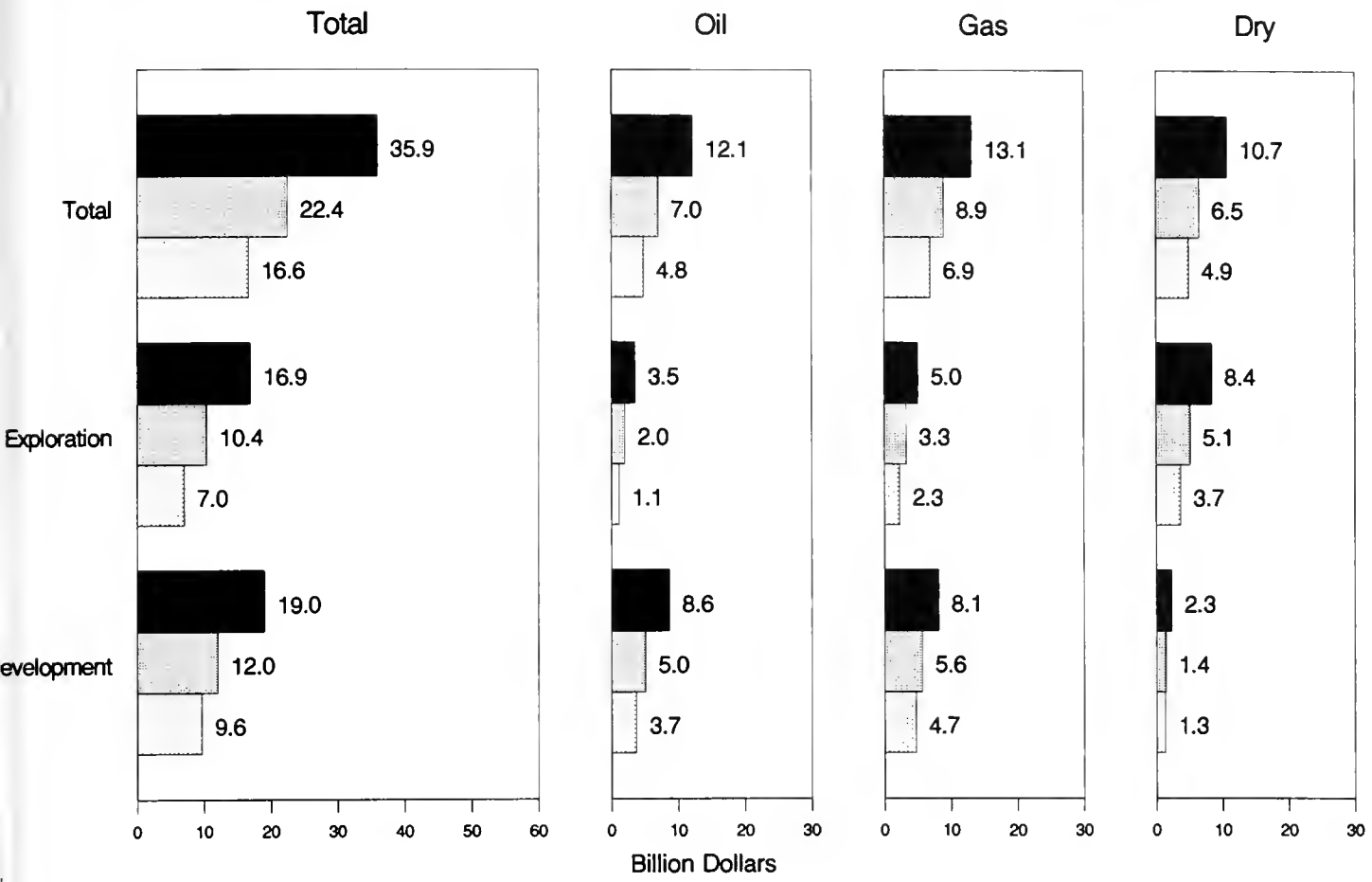
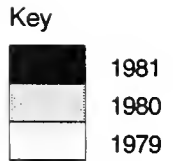


CHART C.

**Expenditures for Wells Completed During the Year  
by Well Type: 1979 to 1981**

(Gross Operator Basis)



## CHART D.

**Drilling Statistics for Companies  
Ranked by Total Lease Revenues: 1981**

(Gross Operator Basis)

Key

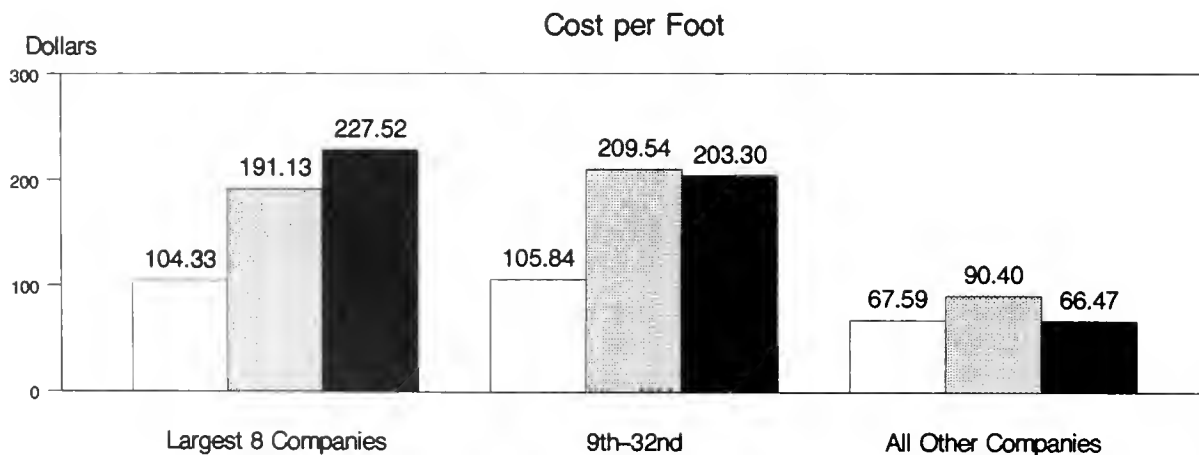
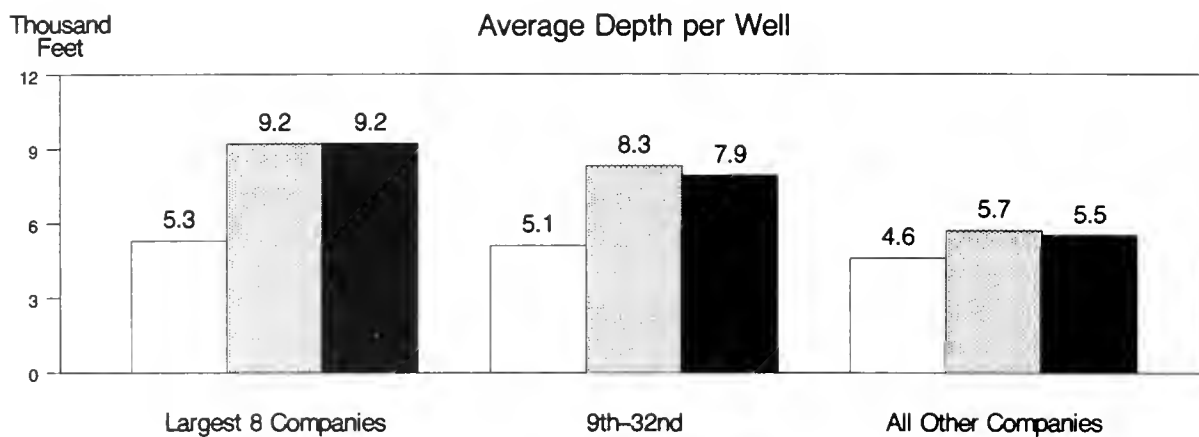
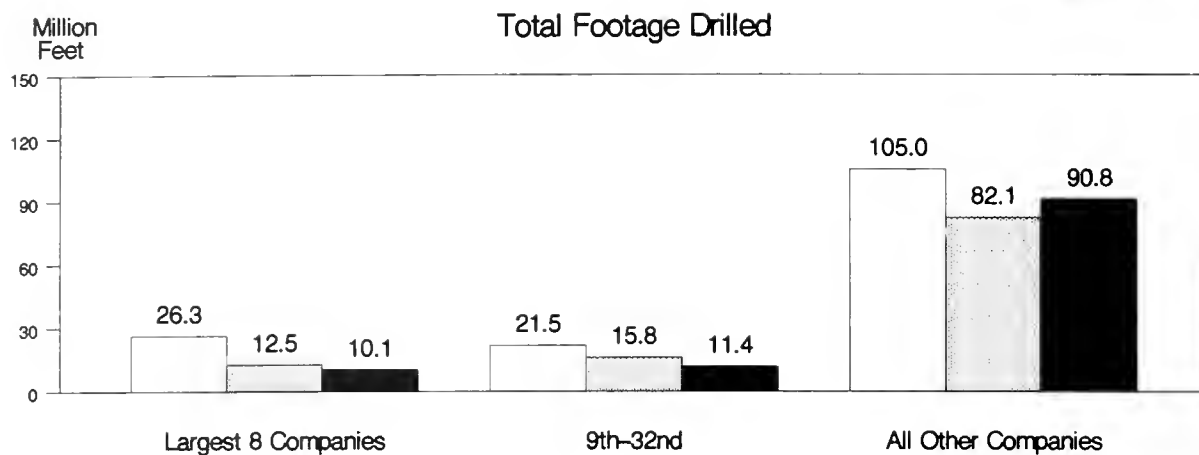
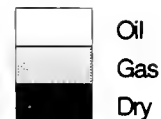


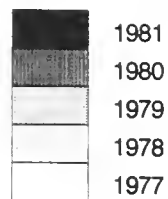


CHART E.

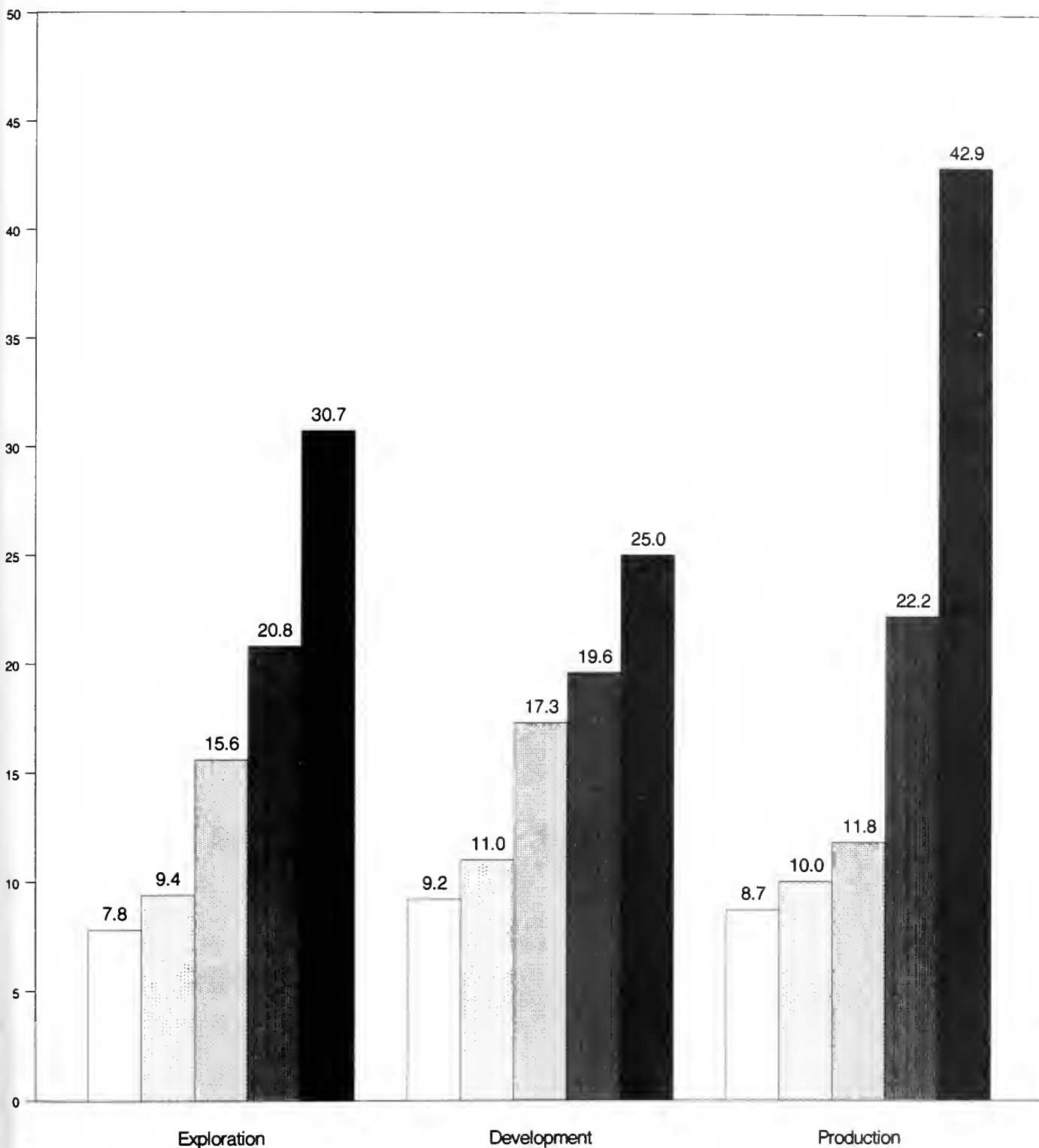
**Exploration, Development, and Production  
Expenditures: 1977 to 1981**

(Net Company Interest)

Key



Billion  
Dollars



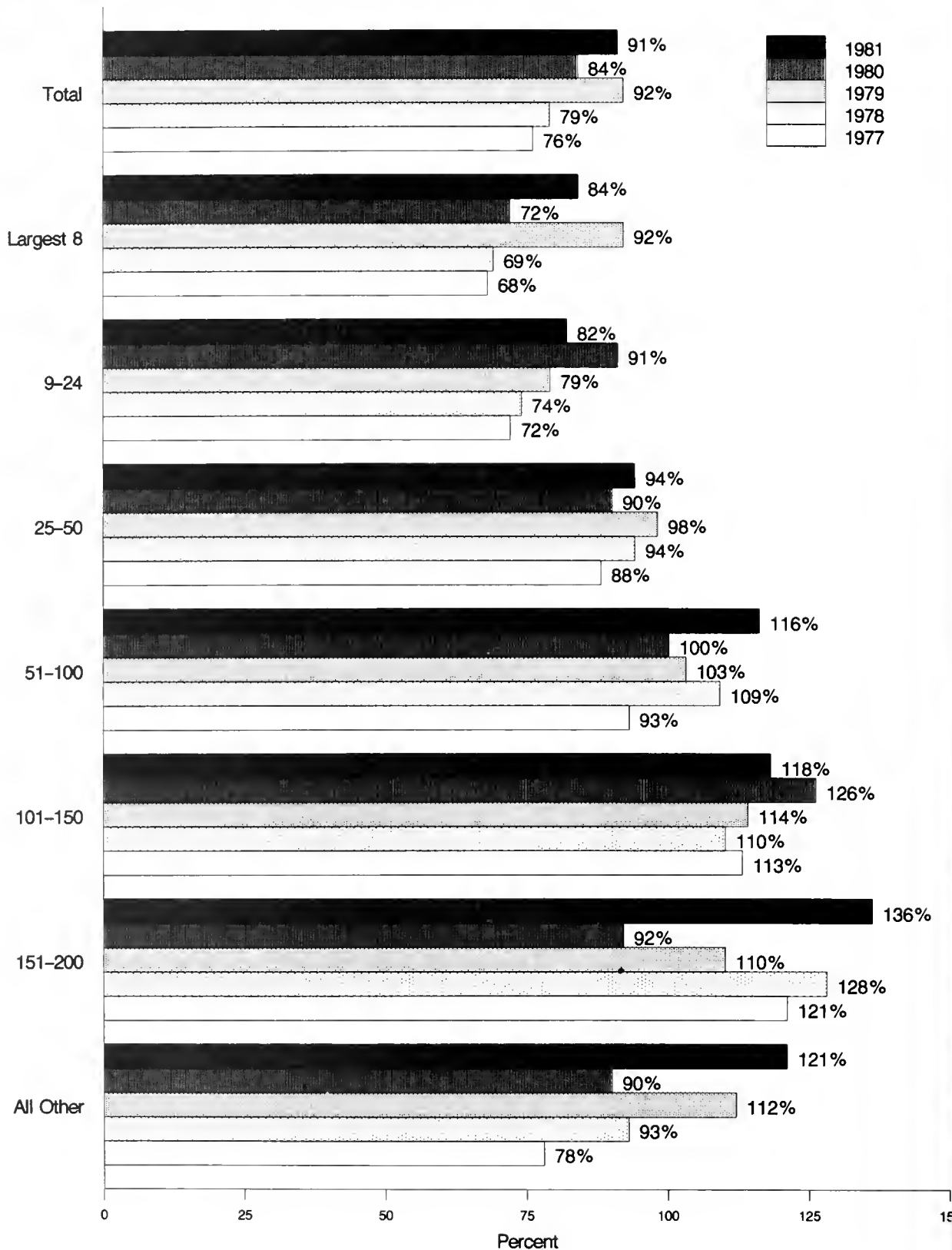
## CHART F.

Exploration, Development, and Production Expenditures  
as a Percentage of Revenues: 1977 to 1981

(Net Company Interest)

Companies Ranked  
by Total Lease  
Revenues

Key



from 1973 to 1981. Between 1973 and 1980, the average unit value of crude petroleum and condensate for companies with 60 percent or more stripper well specialization in the onshore lower 48 States increased 634 percent, from \$3.55 per barrel to \$26.06 per barrel (table B), while the rate of increase for all companies was 436 percent. Price decontrol of all other crude oils after the first quarter of 1980 was not immediately reflected in the price per barrel by stripper well specialization. However, by 1981 there was no longer a significant difference in crude

petroleum prices by stripper well specialization; in 1981, the price per barrel from leases for companies with less than 60 percent stripper specialization surpassed those with greater than 60 percent specialization. The stripper well proportion of crude petroleum and condensate production has gradually increased from 7.8 percent in 1973 to 12.9 percent in 1981. Generally, the relationship of expenditures to revenues has tended to be greater for companies with larger shares of output from stripper wells (table B).

Table B. Selected Company Statistics for the Onshore Lower 48 States, by the Percentage of Stripper Well Production to Total Production: 1973 to 1981

Item and year	All companies	Percentage of Stripper Well Production to Total Production <sup>1</sup>							
		0.0 to 4.9	5.0 to 9.9	10.0 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 and over
Average price per barrel of crude petroleum and condensate:									
1981.....	\$32.43	\$30.34	\$33.28	\$33.36	\$32.29	\$31.16	\$31.34	\$34.17	\$29.74
1980.....	20.91	19.35	19.64	20.74	21.91	25.72	25.20	27.11	26.06
1979.....	12.32	12.54	11.30	11.67	12.54	14.70	16.02	17.87	17.17
1978.....	9.30	9.61	8.97	8.84	9.31	10.93	11.67	11.71	11.73
1977.....	8.51	8.60	8.19	7.92	8.86	9.73	10.05	10.09	11.59
1976.....	8.02	8.01	7.72	7.70	8.99	9.05	9.49	9.26	10.91
1975.....	7.65	7.60	7.35	7.55	8.66	8.88	8.61	9.73	10.00
1974.....	6.75	6.73	6.53	6.66	7.40	6.98	7.43	7.04	8.84
1973.....	3.90	3.88	3.98	3.98	3.66	3.70	3.94	4.07	3.55
Percent that direct operating expenditures were of lease revenues:									
1981.....	14.3	8.8	9.8	18.8	14.4	23.7	16.9	9.8	19.8
1980.....	13.8	12.2	11.4	15.0	13.6	11.9	16.2	14.1	21.6
1979.....	16.2	12.6	10.3	18.8	15.1	15.1	18.3	22.6	24.5
1978.....	17.0	12.6	14.1	19.0	18.8	20.3	17.5	18.2	24.3
1977.....	16.1	10.2	18.4	17.6	16.2	19.5	24.3	24.1	23.6
1976.....	15.5	10.3	16.4	17.0	17.9	18.3	24.7	22.0	27.8
1975.....	15.3	9.9	16.8	15.7	17.9	20.5	24.1	23.5	26.7
1974.....	14.0	11.0	14.9	14.2	20.8	18.8	19.4	18.5	23.5
1973.....	17.6	18.4	13.1	19.8	22.3	24.7	22.7	33.5	35.7
Percentage of total crude petroleum and condensate:									
1981.....	100.0	12.9	27.6	29.3	16.7	5.8	0.4	1.2	6.0
1980.....	100.0	13.0	25.0	37.2	16.7	1.6	0.6	0.7	5.1
1979.....	100.0	18.8	11.5	49.7	11.2	1.7	0.9	0.6	5.6
1978.....	100.0	18.3	18.9	47.4	5.9	1.4	1.4	0.6	6.0
1977.....	100.0	25.4	26.6	33.5	4.7	1.7	1.9	0.6	5.7
1976.....	100.0	28.0	29.9	30.9	3.3	1.4	1.2	1.3	4.0
1975.....	100.0	28.6	42.8	18.7	2.6	1.3	1.3	0.5	4.3
1974.....	100.0	39.5	41.7	9.3	2.2	1.2	1.0	0.6	4.5
1973.....	100.0	50.3	33.9	7.2	1.9	1.2	1.1	0.4	4.0

<sup>1</sup> The percentages of stripper well production were derived for each year by dividing the quantity of stripper well crude petroleum and condensate by the total quantity of crude petroleum and condensate sold by each company.

## Company Distributions

Chart G shows oil and gas revenues and assets (end of year) for the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenues. The domestic oil and gas revenues of the largest eight companies amounted to \$48.9 billion in 1981 or 46 percent of all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the total revenue figure, the largest eight companies ownership share was 35 percent.

The relative share of the industry's assets owned by the largest eight companies decreased during 1981. As shown in chart G at the beginning of the year, assets of \$63.0 billion amounted to 39 percent of the industry's total. By the end of the year, assets had increased to \$75.2 billion; however, this amounted to 38 percent of the industry's total. In general, there has been an average annual decline in the largest 8 companies' relative share of total assets of around 1 percentage point per annum since this survey began in 1973 when their relative share amounted to 48 percent.

## Geographic Distributions

Chart H presents the distribution of lease revenues and assets between the onshore and offshore lower 48 States and Alaska for 1977 through 1981. In 1981, Alaska lease revenues of \$12.4 billion were 11 percent of the total of \$108.5 billion. Crude petroleum accounted for 98 percent of Alaska's lease revenues. After showing an increase each year since 1977, Alaskan crude petroleum production decreased by less than 1 percent in 1981. Crude petroleum output in the lower 48 States decreased by nearly 3 percent from 1980 to 1981. Onshore lower 48 States' lease revenues amounted to \$77.0 billion; the respective figure for the offshore lower 48 States was \$19.1 billion. While the offshore lower 48 States' lease revenues accounted for 18 percent of the total, their assets accounted for 30 percent of the total of \$196.6 billion for the United States.

## Lease Acquisitions

Expenditures for acquiring nonproducing leases totaled \$11.2 billion in 1981. The 1981 expenditures for all offshore leases of \$6.5 billion amounted to a \$1.7 billion increase over the 1980 level. Expenditures for acquiring onshore lower 48 States nonproducing leases amounted to \$4.7 billion, an increase of about 52 percent from the 1980 figure of \$3.1 billion. Expenditures for acquiring producing leases amounted to \$1.0 billion. Sales in the onshore lower 48 States amounted to 90 percent of the funds expended for producing leases.

## Methods of Accounting

Table 10 presents statistics by accounting methods. Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that other companies would charge to current

expenses. In 1981, companies using the successful efforts method of accounting capitalized 80 percent of their exploration and development expenditures while companies using the full cost method (e.g., companies that capitalize expenditures for drilling exploratory dry holes) capitalized 94 percent of their exploration and development expenditures. If project characteristics (e.g. degree of risk) are the same for companies using alternative methods of accounting, it is logical to expect the full cost method companies to have a lower return on assets than companies using the successful efforts method. Figures in table C substantiate that the successful efforts method concerns have a higher rate of return in terms of their net revenues to net assets ratio than full cost companies; the former's rate was 45 percent while the latter's rate was 26 percent.

Table C. Relationship of Net Revenues to Net Assets, by Accounting Method: 1981

(Net company interest basis)

Accounting method	Net revenues <sup>1</sup> (million dollars)	Net assets <sup>2</sup> (million dollars)	Net revenues to net assets (percent)
Successful efforts . .	40,856.0	90,685.1	45
Full costs . . . . .	8,129.0	31,662.4	26

<sup>1</sup> Net revenues were derived by subtracting production expenditures and charges to depletion, depreciation, and amortization during the year from lease revenues.

<sup>2</sup> Net assets were derived by subtracting accumulated cost of depreciation, depletion, and amortization from total assets.

## Confidentiality of Individual Company Data

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances, however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

## ABBREVIATIONS

The following abbreviations and symbols appear frequently in the tables:

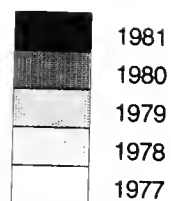
- Represents zero.
- (X) Not applicable.
- (Z) Less than half of the unit of measurement shown.
- (D) Withheld to avoid disclosing figures for individual companies.

CHART G.

# Oil/Gas Revenues and Assets for Companies Ranked by Total Lease Revenues: 1977 to 1981

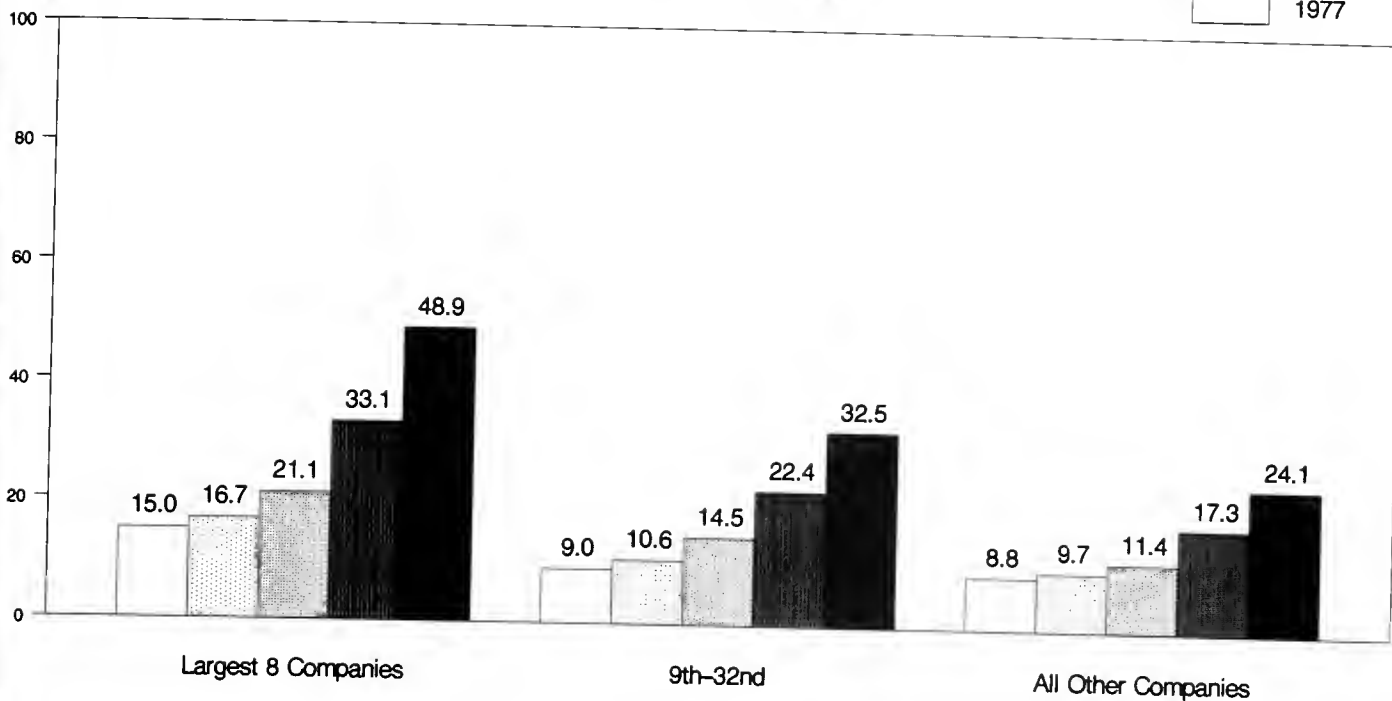
(Net Company Interest)

Key



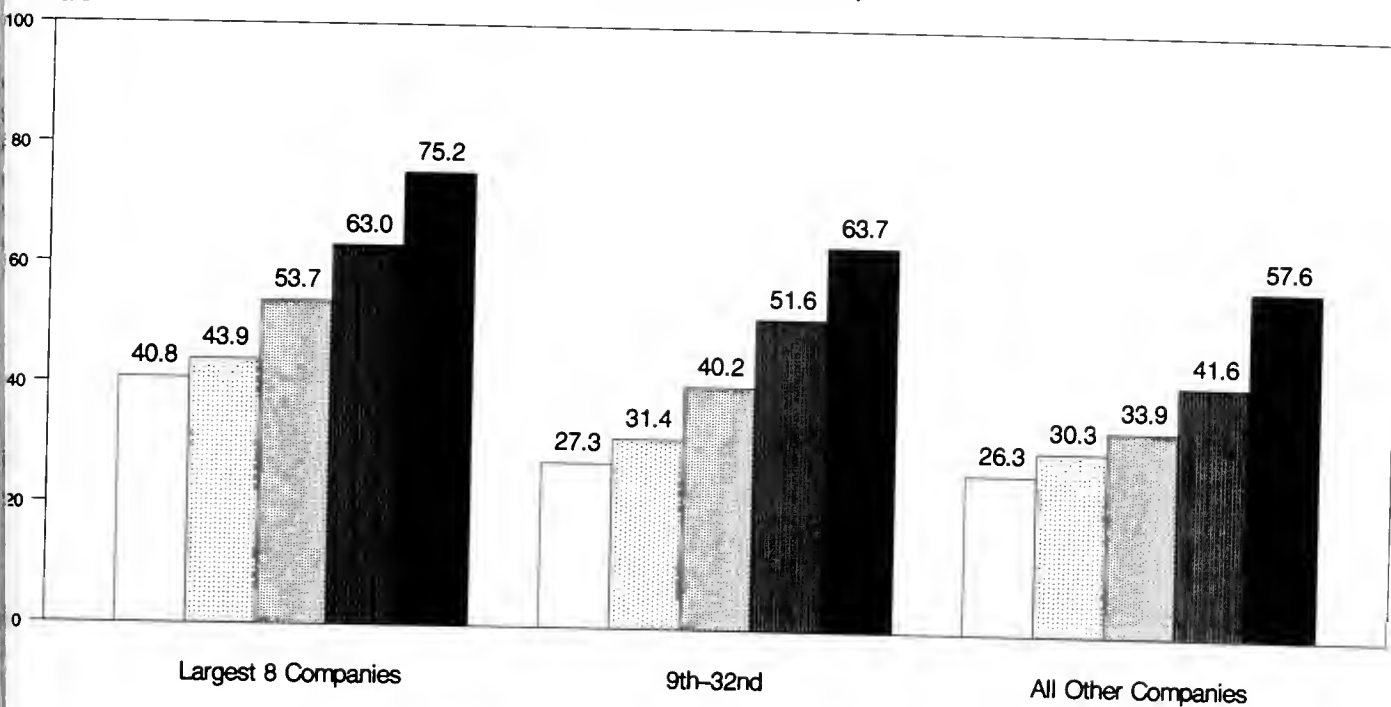
Billion  
Dollars

## Oil/Gas Revenues



Billion  
Dollars

## Assets (End of Year)

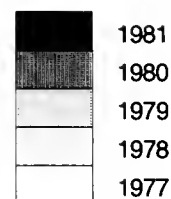


## CHART H.

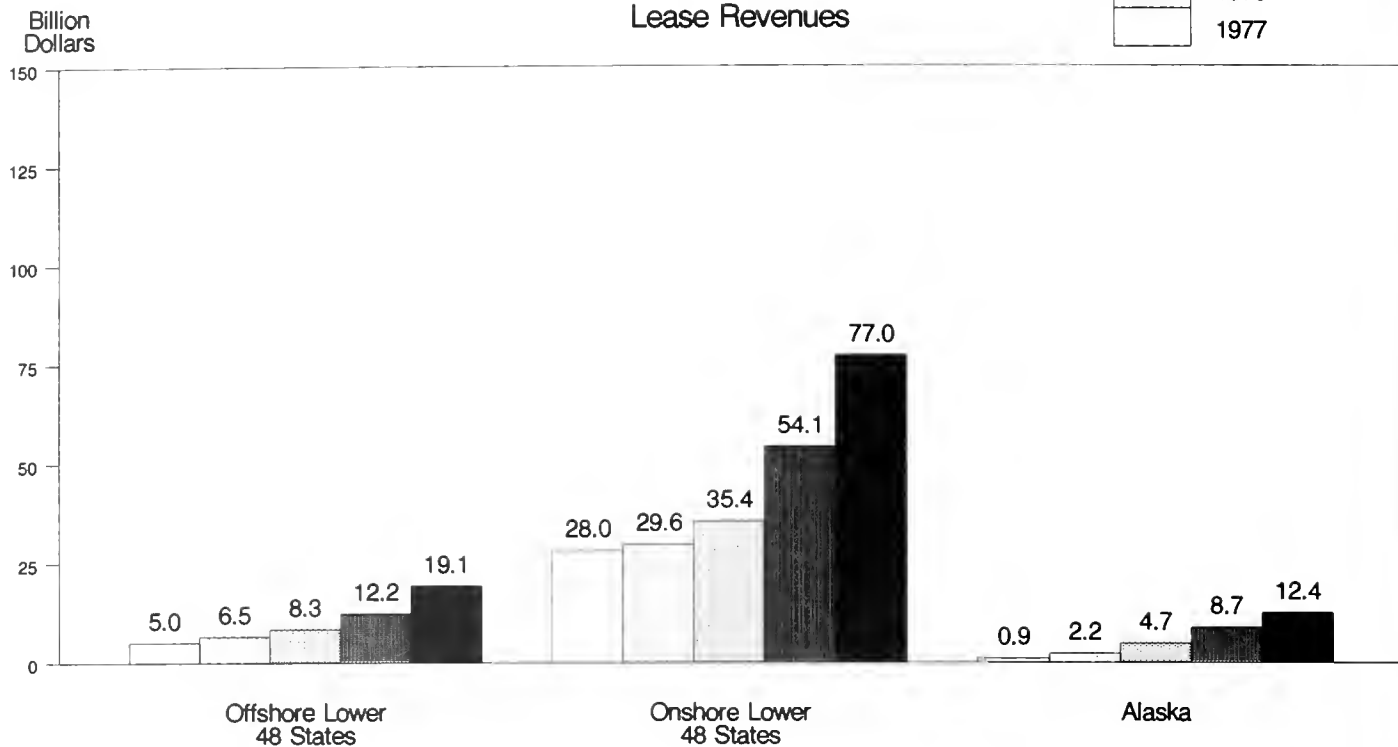
# Lease Revenues and Assets by Geographic Areas: 1977 to 1981

(Net Company Interest)

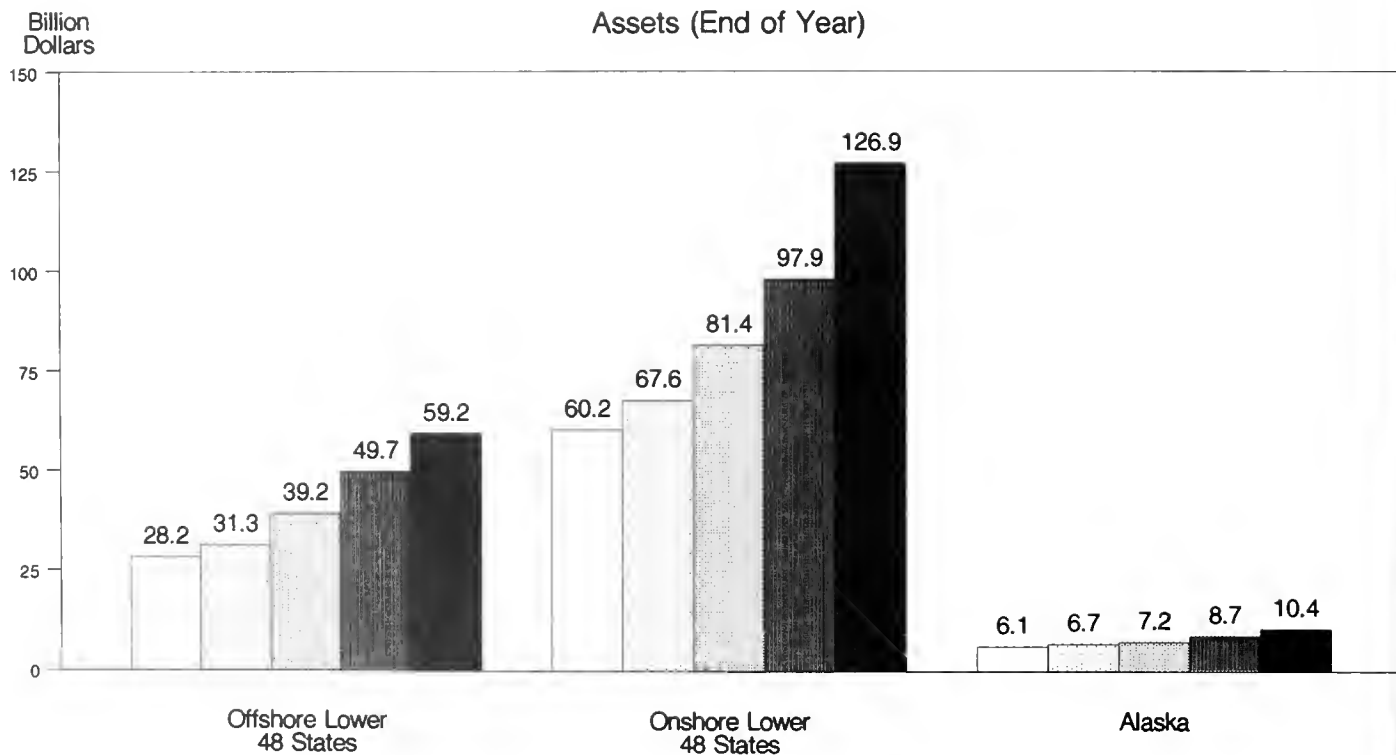
Key



## Lease Revenues



## Assets (End of Year)



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**Table 1. Selected Statistics for Operating Companies Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1981 and 1980**

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales						
		All companies	First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50	First 50 companies
Sales volumes:								
Crude petroleum and condensate:								
1981.....	Mil. bbl.....	3,111.8	1,533.6	569.8	232.0	98.4	104.9	2,538.8
1980.....	..do.....	3,136.5	1,604.0	578.7	217.4	107.0	98.5	2,605.7
From stripper well leases:								
1981.....	..do.....	1438.9	108.6	81.0	30.4	4.2	32.2	256.4
1980.....	..do.....	1400.4	101.8	70.3	16.9	23.0	19.0	231.1
Lease condensate:								
1981.....	..do.....	1166.1	55.1	33.0	15.2	13.3	12.8	129.3
1980.....	..do.....	1140.5	45.8	34.2	9.7	8.2	11.5	109.4
Natural gas:								
1981.....	Bil. cu. ft.	20,251.6	6,231.9	3,914.8	1,982.7	1,289.3	1,637.5	15,056.3
1980.....	..do.....	20,063.4	6,553.5	3,982.9	1,742.3	1,112.4	1,734.0	15,125.1
Lease revenues:								
Crude petroleum and condensate:								
1981.....	Mil. dol.....	96,600.5	45,842.3	18,948.3	7,613.7	3,033.6	3,399.6	78,837.5
1980.....	..do.....	93,434.9	49,630.3	11,457.8	4,532.9	2,141.8	2,143.8	50,406.5
Lease condensate:								
1981.....	..do.....	15,681.9	1,833.7	1,158.7	558.0	446.5	396.9	4,393.8
1980.....	..do.....	13,029.0	978.7	726.0	224.8	157.1	252.8	2,339.5
Natural gas:								
1981.....	..do.....	44,621.6	12,541.4	7,909.2	4,255.4	3,457.7	3,906.0	32,069.7
1980.....	..do.....	33,296.5	10,444.7	6,236.6	2,736.0	2,365.9	3,010.5	24,793.7
Expenditures for drilling and equipping wells completed during the year:								
1981.....	..do.....	35,900.9	7,431.3	4,701.7	1,823.2	1,384.4	2,173.1	17,513.6
Exploration.....	..do.....	16,899.2	3,628.7	2,077.9	1,046.8	416.6	984.7	8,154.6
Development.....	..do.....	19,001.7	3,802.6	2,623.8	776.4	967.8	1,188.4	9,358.9
1980.....	..do.....	22,412.6	5,113.3	2,679.5	939.0	950.5	1,641.9	11,324.3
Expenditures incurred during the year for drilling and equipping wells: <sup>2</sup>								
1981.....	..do.....	40,887.1	9,492.6	5,114.0	2,241.0	1,864.4	2,606.2	21,318.2
Exploration.....	..do.....	19,449.1	4,746.0	2,198.3	1,337.6	551.8	1,197.6	10,031.3
Development.....	..do.....	21,438.0	4,746.6	2,915.7	903.4	1,312.6	1,408.6	11,286.9
1980.....	..do.....	26,017.4	6,726.2	3,537.2	1,158.6	1,227.2	1,848.9	14,498.3
Dry holes completed during the year:								
1981.....	..do.....	10,661.9	2,308.4	1,433.0	510.9	371.9	713.8	5,338.1
Exploration.....	..do.....	8,381.2	1,942.3	1,155.5	439.2	249.5	533.5	4,320.1
Development.....	..do.....	2,280.7	366.1	277.5	71.7	122.4	180.3	1,018.0
1980.....	..do.....	6,500.9	1,463.2	692.7	364.4	256.2	524.2	3,300.7
Oil wells completed during the year:								
1981.....	..do.....	12,114.6	2,739.5	1,467.2	491.0	319.3	423.9	5,440.7
Exploration.....	..do.....	3,491.9	535.7	315.3	155.5	36.7	139.3	1,182.4
Development.....	..do.....	8,622.7	2,203.8	1,151.9	335.5	282.6	284.6	4,258.3
1980.....	..do.....	6,498.5	1,885.6	802.1	235.0	166.2	328.1	3,417.1
Gas wells completed during the year:								
1981.....	..do.....	13,124.3	2,383.4	1,801.5	821.3	693.2	1,035.4	6,734.7
Exploration.....	..do.....	5,026.0	1,150.7	607.1	452.1	130.4	311.9	2,652.1
Development.....	..do.....	8,098.2	1,232.7	1,194.4	369.2	562.8	723.5	4,082.6
1980.....	..do.....	8,913.1	1,764.5	1,184.7	339.6	528.1	789.5	4,606.5
Work-in-progress adjustment:								
1981.....	..do.....	14,986.5	2,061.3	412.4	417.7	480.2	433.1	3,804.6
Exploration.....	..do.....	12,550.0	1,117.3	120.5	290.7	135.3	212.9	1,876.6
Development.....	..do.....	12,436.5	944.0	291.9	127.0	344.9	220.2	1,928.0
1980.....	..do.....	13,604.8	1,612.9	857.7	219.6	276.7	207.0	3,174.0
Expenditures for platforms:								
1981.....	..do.....	11,545.8	401.7	364.9	239.7	166.8	192.5	1,365.6
Drilling platforms <sup>1</sup> .....	..do.....	1881.2	291.4	302.0	(D)	(D)	(D)	831.6
Production platforms.....	..do.....	1664.6	110.3	62.9	(D)	(D)	(D)	534.0
1980.....	..do.....	11,092.7	389.4	245.5	159.3		100.2	894.4
Employment:								
1981.....	Thousand.....	215.4	55.9	29.1	11.7	7.3	12.8	116.9
1980.....	..do.....	179.0	48.6	27.1	8.4	7.9	9.8	101.9

See footnotes at end of table.



Table 1. Selected Statistics for Operating Companies Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1981 and 1980—Continued

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1981.....	Mil. bbl....	65.3	75.4	2,679.4	68.2	43.8	2,791.4	320.4
1980.....	..do.....	59.1	66.7	2,731.5	52.9	36.2	2,820.6	315.9
From stripper well leases:								
1981.....	..do.....	14.6	15.2	286.3	10.6	17.6	314.5	<sup>1</sup> 124.4
1980.....	..do.....	10.9	11.3	253.2	15.5	9.4	278.2	<sup>1</sup> 122.2
Lease condensate:								
1981.....	..do.....	6.9	9.0	145.1	5.6	3.4	154.1	<sup>1</sup> 12.0
1980.....	..do.....	7.2	5.6	122.2	5.5	1.6	129.2	<sup>1</sup> 11.3
Natural gas:								
1981.....	Bil. cu. ft.	871.8	952.4	16,880.5	714.3	351.0	17,945.8	2,305.8
1980.....	..do.....	874.1	939.4	16,938.6	537.5	294.3	17,770.4	2,293.2
Lease revenues:								
Crude petroleum and condensate:								
1981.....	Mil. dol....	2,262.7	2,592.4	83,692.6	2,223.7	1,371.3	87,287.6	9,312.9
1980.....	..do.....	1,509.7	1,524.2	53,440.3	1,383.7	894.1	55,718.2	7,716.8
Lease condensate:								
1981.....	..do.....	226.2	308.3	4,928.3	210.3	84.5	5,223.1	<sup>1</sup> 458.8
1980.....	..do.....	161.4	125.9	2,626.7	143.1	42.2	2,812.1	<sup>1</sup> 216.9
Natural gas:								
1981.....	..do.....	2,252.9	2,486.5	36,809.1	1,825.9	753.1	39,388.1	5,233.5
1980.....	..do.....	1,580.7	1,553.4	27,927.8	982.0	544.9	29,454.7	3,841.8
Expenditures for drilling and equipping wells completed during the year:								
1981.....	..do.....	1,879.0	3,163.2	22,555.8	1,921.1	1,116.7	25,593.4	10,307.5
Exploration.....	..do.....	913.5	1,808.6	10,876.8	822.5	464.0	12,163.2	4,736.0
Development.....	..do.....	965.5	1,354.6	11,678.9	1,098.6	652.7	13,430.2	5,571.5
1980.....	..do.....	1,353.7	1,765.5	14,443.5	897.3	589.6	15,930.4	6,482.1
Expenditures incurred during the year for drilling and equipping wells: <sup>2</sup>								
1981.....	..do.....	2,019.7	3,546.3	26,884.0	2,229.3	1,125.4	30,238.8	10,648.3
Exploration.....	..do.....	1,020.9	2,104.6	13,156.8	957.4	463.2	14,577.4	4,871.7
Development.....	..do.....	998.7	1,441.7	13,727.2	1,271.9	662.2	15,661.4	5,796.6
1980.....	..do.....	1,443.6	1,882.5	17,824.3	988.7	603.2	19,416.2	6,601.1
Dry holes completed during the year:								
1981.....	..do.....	651.7	1,089.9	7,079.7	560.8	264.0	7,904.5	2,757.4
Exploration.....	..do.....	541.3	874.0	5,735.4	413.2	177.8	6,326.4	2,054.8
Development.....	..do.....	110.4	215.9	1,344.3	147.6	86.2	1,578.1	702.6
1980.....	..do.....	526.7	602.4	4,429.8	257.0	153.3	4,840.1	1,661.0
Oil wells completed during the year:								
1981.....	..do.....	549.5	871.7	6,861.8	768.4	452.2	8,082.4	4,032.2
Exploration.....	..do.....	159.4	256.6	1,598.4	227.1	146.2	1,971.7	1,520.2
Development.....	..do.....	390.1	615.1	5,263.4	541.3	306.0	6,110.7	2,512.0
1980.....	..do.....	317.6	416.8	4,151.5	292.6	232.9	4,677.0	2,321.4
Gas wells completed during the year:								
1981.....	..do.....	677.8	1,201.6	8,614.2	591.9	400.5	9,606.5	3,517.8
Exploration.....	..do.....	212.8	678.0	3,543.0	182.2	140.0	3,865.1	1,160.9
Development.....	..do.....	465.0	523.6	5,071.2	409.7	260.5	5,741.4	2,356.9
1980.....	..do.....	509.4	746.3	5,862.2	347.6	203.5	6,413.3	2,499.7
Work-in-progress adjustment:								
1981.....	..do.....	140.7	383.1	4,328.4	308.2	8.9	4,645.5	<sup>1</sup> 341.0
Exploration.....	..do.....	107.5	295.9	2,280.0	134.9	-0.7	2,414.2	<sup>1</sup> 135.8
Development.....	..do.....	33.2	87.2	2,048.4	173.3	9.6	2,231.3	<sup>1</sup> 205.2
1980.....	..do.....	89.9	116.9	3,380.8	91.4	13.6	3,488.8	<sup>1</sup> 119.0
Expenditures for platforms:								
1981.....	..do.....	66.7	(D)	(D)	(D)	9.4	1,506.7	<sup>1</sup> 39.1
Drilling platforms <sup>3</sup> .....	..do.....	(D)	(D)	(D)	(D)	8.0	870.6	<sup>1</sup> 10.6
Production platforms.....	..do.....	(D)	(D)	(D)	(D)	1.4	636.1	<sup>1</sup> 28.5
1980.....	..do.....	104.5	(D)	(D)	(D)	-	1,058.1	<sup>1</sup> 34.6
Employment:								
1981.....	Thousand...	5.7	10.3	132.9	11.6	5.9	150.3	65.1
1980.....	..do.....	5.2	7.9	114.9	7.6	3.6	126.1	52.8

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Figures represent estimates for companies in the primary sample since selected items were not collected on the short Form MA-13K(S). See appendixes A, B, and C for further information on data collected and sample design.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

Table 2. Drilling Statistics for Oil, Gas, and Dry Wells for Operating Companies Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1981

(Gross operator basis)

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
All wells.....	68,622	375,582	5,473	35,900.9	523	95.59
1 to 8.....	7,403	48,873	6,602	7,431.3	1,004	152.06
9 to 16.....	4,589	28,232	6,152	4,701.7	1,025	166.54
17 to 32.....	2,936	20,500	6,982	3,207.6	1,093	156.46
33 to 50.....	2,169	14,890	6,865	2,173.1	1,002	145.95
51 to 100.....	5,068	37,663	7,432	5,042.2	995	133.88
101 to 150.....	2,853	20,381	7,144	1,921.1	674	94.26
151 to 200.....	2,619	14,964	5,714	1,116.7	427	74.63
All other companies.....	40,985	190,313	4,643	10,307.5	251	54.16
Exploration.....	23,764	147,108	6,190	16,899.2	711	114.88
Oil wells.....	6,974	38,428	5,511	3,491.9	501	90.87
1 to 8.....	374	2,973	7,949	535.7	1,432	180.19
9 to 16.....	186	1,632	8,774	315.3	1,695	193.20
17 to 32.....	235	1,496	6,366	192.2	818	128.48
33 to 50.....	111	940	8,468	139.3	1,255	148.20
51 to 100.....	400	3,129	7,823	416.0	1,040	132.95
101 to 150.....	232	1,853	7,987	227.1	979	122.56
151 to 200.....	210	1,416	6,743	146.2	696	103.25
All other companies.....	5,226	24,989	4,782	1,520.2	291	60.84
Gas wells.....	4,021	30,041	7,471	5,026.0	1,250	167.31
1 to 8.....	371	4,344	11,709	1,150.7	3,102	264.90
9 to 16.....	179	1,855	10,363	607.1	3,392	327.28
17 to 32.....	244	2,094	8,582	582.4	2,387	278.13
33 to 50.....	165	1,379	8,358	311.9	1,890	226.18
51 to 100.....	461	4,396	9,536	890.8	1,932	202.64
101 to 150.....	188	1,509	8,027	182.2	969	120.75
151 to 200.....	166	1,344	8,096	140.0	843	104.17
All other companies.....	2,247	13,120	5,839	1,160.9	517	88.48
Dry holes.....	12,769	78,639	6,158	8,381.2	656	106.58
1 to 8.....	749	7,362	9,829	1,942.3	2,593	263.83
9 to 16.....	486	4,370	8,992	1,155.5	2,378	264.42
17 to 32.....	477	3,478	7,291	688.7	1,444	198.02
33 to 50.....	403	3,378	8,382	533.5	1,324	157.94
51 to 100.....	1,095	8,924	8,150	1,415.3	1,293	158.60
101 to 150.....	567	4,535	7,998	413.2	729	91.12
151 to 200.....	437	3,245	7,426	177.8	407	54.80
All other companies.....	8,555	43,347	5,067	2,054.8	240	47.40
Development.....	44,858	228,474	5,093	19,001.7	424	83.17
Oil wells.....	24,939	114,354	4,585	8,622.7	342	75.41
1 to 8.....	4,566	23,284	5,099	2,203.8	483	94.65
9 to 16.....	2,819	12,640	4,484	1,151.9	409	91.14
17 to 32.....	939	5,749	6,122	618.0	658	107.50
33 to 50.....	528	2,661	5,040	284.6	539	106.96
51 to 100.....	1,498	9,747	6,507	1,005.1	671	103.12
101 to 150.....	928	5,942	6,403	541.3	583	91.10
151 to 200.....	1,098	4,593	4,183	306.0	279	66.63
All other companies.....	12,563	49,738	3,959	2,512.0	200	50.51
Gas wells.....	13,561	80,389	5,928	8,098.2	597	100.74
1 to 8.....	984	8,126	8,258	1,232.7	1,253	151.70
9 to 16.....	729	6,192	8,494	1,194.4	1,638	192.90
17 to 32.....	748	5,683	7,598	931.9	1,246	163.98
33 to 50.....	723	4,828	6,678	723.5	1,001	149.86
51 to 100.....	1,191	8,296	6,966	988.6	830	119.17
101 to 150.....	696	4,897	7,036	409.7	589	83.67
151 to 200.....	487	3,036	6,234	260.5	535	85.81
All other companies.....	8,003	39,331	4,914	2,356.9	295	59.92
Dry holes.....	6,358	33,731	5,305	2,280.7	359	67.61
1 to 8.....	359	2,784	7,755	366.1	1,020	131.51
9 to 16.....	190	1,543	8,121	277.5	1,461	179.85
17 to 32.....	293	2,000	6,826	194.1	663	97.05
33 to 50.....	239	1,704	7,130	180.3	754	105.81
51 to 100.....	423	3,171	7,497	326.3	771	102.91
101 to 150.....	242	1,645	6,798	147.6	610	89.73
151 to 200.....	221	1,330	6,018	86.2	390	64.82
All other companies.....	4,391	19,554	4,393	702.6	158	35.93

Note: Detailed figures may not add to totals because of independent rounding.

**Table 3. Selected Statistics for Operating Companies Grouped by Legal Form of Organization: 1981**

(Gross operator basis)

Item	Unit of measure	United States, total	Corporation	Individual proprietorship	Partnership	Other
<b>Sales volumes:</b>						
Crude petroleum and condensate.....	Mil. bbl....	3,111.8	2,957.9	89.1	55.0	9.7
Natural gas.....	Bil. cu. ft.	20,251.6	19,362.1	447.0	357.5	84.8
<b>Lease revenues:</b>						
Crude petroleum and condensate.....	Mil. dol....	96,600.5	92,019.5	2,398.0	1,833.3	349.7
Natural gas.....	..do.....	44,621.6	42,852.7	770.3	741.6	257.1
<b>Drilling statistics:</b>						
<b>Exploration:</b>						
Expenditures.....	Mil. dol....	16,899.1	15,376.8	771.1	637.0	114.2
Number of wells.....	Number.....	23,764	18,134	3,242	2,233	155
Total footage drilled.....	Thou. ft....	147,108	117,796	17,112	11,172	1,028
<b>Dry holes:</b>						
Expenditures.....	Mil. dol....	8,381.2	7,680.3	414.0	241.6	45.3
Number of wells.....	Number.....	12,769	9,805	1,863	1,031	70
Total footage drilled.....	Thou. ft....	78,639	63,520	9,278	5,435	406
<b>Oil wells:</b>						
Expenditures.....	Mil. dol....	3,492.0	2,983.8	228.2	234.2	45.8
Number of wells.....	Number.....	6,974	4,932	1,098	874	71
Total footage drilled.....	Thou. ft....	38,428	27,779	6,135	4,028	486
<b>Gas wells:</b>						
Expenditures.....	Mil. dol....	5,025.9	4,712.7	128.9	161.2	23.1
Number of wells.....	Number.....	4,021	3,399	281	328	14
Total footage drilled.....	Thou. ft....	30,041	26,497	1,699	1,709	136
<b>Development:</b>						
Expenditures.....	Mil. dol....	19,001.4	17,636.6	626.0	614.3	124.4
Number of wells.....	Number.....	44,858	39,188	3,143	2,191	333
Total footage drilled.....	Thou. ft....	228,474	205,649	11,987	9,357	1,481
<b>Dry holes:</b>						
Expenditures.....	Mil. dol....	2,280.6	2,096.0	80.0	97.9	6.6
Number of wells.....	Number.....	6,358	5,157	480	690	31
Total footage drilled.....	Thou. ft....	33,731	28,770	2,026	2,772	163
<b>Oil wells:</b>						
Expenditures.....	Mil. dol....	8,622.6	7,822.8	380.1	359.0	60.7
Number of wells.....	Number.....	24,939	21,773	1,921	959	288
Total footage drilled.....	Thou. ft....	114,354	101,856	7,061	4,309	1,128
<b>Gas wells:</b>						
Expenditures.....	Mil. dol....	8,098.2	7,717.8	165.9	157.4	57.1
Number of wells.....	Number.....	13,561	12,263	742	542	14
Total footage drilled.....	Thou. ft....	80,389	75,023	2,900	2,276	190

Note: Detailed figures may not add to totals because of independent rounding.

Table 4. Selected Statistics for Operating Companies: 1979 to 1981

(Gross operator basis)

Item	Unit of measure	1981	1980	1979
Sales volumes:				
Crude petroleum and condensate.....	Mil. bbl....	3,111.8	3,136.5	3,046.8
From stripper well leases <sup>1</sup> .....	..do.....	438.9	400.4	399.0
Lease condensate <sup>1</sup> .....	..do.....	166.1	140.5	148.7
Natural gas.....	Bil. cu. ft.	20,251.6	20,063.4	20,005.1
Lease revenues:				
Crude petroleum and condensate.....	Mil. dol....	96,600.5	63,434.9	36,921.4
Lease condensate <sup>1</sup> .....	..do.....	5,681.9	3,029.0	1,808.6
Natural gas.....	..do.....	44,621.6	33,296.5	24,984.1
Unit values:				
Crude petroleum and condensate.....	Dol. per bbl	31.04	20.22	20.22
Natural gas.....	Cents per 1,000 cu. ft.....	220.3	166.0	124.8
Expenditures:				
Exploration expenditures:				
Drilling and equipping wells <sup>2</sup> .....	Mil. dol....	19,449.1	12,212.6	8,073.5
Dry holes.....	..do.....	8,381.2	5,131.5	3,661.1
Oil.....	..do.....	3,491.9	1,954.8	1,106.4
Gas.....	..do.....	5,026.0	3,282.0	2,252.0
Work-in-progress adjustment <sup>1</sup> .....	..do.....	2,550.0	1,844.4	1,054.0
Development expenditures:				
Drilling and equipping wells <sup>2</sup> .....	..do.....	21,438.0	13,804.7	10,978.8
Dry holes.....	..do.....	2,280.7	1,369.4	1,273.6
Oil.....	..do.....	8,622.7	5,043.7	3,679.3
Gas.....	..do.....	8,098.2	5,631.1	4,671.9
Work-in-progress adjustment <sup>1</sup> .....	..do.....	2,436.5	1,760.3	1,354.0
Employment.....	Thousand....	215.4	179.0	167.1
Drilling statistics:				
Exploration dry holes:				
Number of wells.....	Number.....	12,769	9,925	8,967
Total footage drilled.....	Thou. ft....	78,639	58,404	50,238
Average depth per well.....	Feet.....	6,158	5,885	5,603
Average cost per well.....	Thou. dol....	656	517	408
Exploration oil wells:				
Number of wells.....	Number.....	6,974	5,416	3,921
Total footage drilled.....	Thou. ft....	38,428	27,425	17,827
Average depth per well.....	Feet.....	5,511	5,064	4,547
Average cost per well.....	Thou. dol....	501	361	282
Exploration gas wells:				
Number of wells.....	Number.....	4,021	3,748	3,382
Total footage drilled.....	Thou. ft....	30,041	26,759	21,989
Average depth per well.....	Feet.....	7,471	7,140	6,502
Average cost per well.....	Thou. dol....	1,250	876	666
Development dry holes:				
Number of wells.....	Number.....	6,358	5,433	5,559
Total footage drilled.....	Thou. ft....	33,731	25,855	25,544
Average depth per well.....	Feet.....	5,305	4,759	4,595
Average cost per well.....	Thou. dol....	359	252	229
Development oil wells:				
Number of wells.....	Number.....	24,939	18,499	16,376
Total footage drilled.....	Thou. ft....	114,354	80,523	70,384
Average depth per well.....	Feet.....	4,568	4,353	4,298
Average cost per well.....	Thou. dol....	342	273	225
Development gas wells:				
Number of wells.....	Number.....	13,561	11,807	11,267
Total footage drilled.....	Thou. ft....	80,389	66,905	64,166
Average depth per well.....	Feet.....	5,928	5,667	5,695
Average cost per well.....	Thou. dol....	597	477	415

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Figures represent estimates for companies in the primary sample since selected items were not collected on the short form MA-13K(S). See appendixes A, B, and C for further information on data collected and sample design.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 5. Detailed Net Company Interest Statistics: 1977 to 1981

Item	Unit of measure	1981	1980	1979	1978	1977	Index (1977=100)			
							1981	1980	1979	1978
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,441.7	2,495.2	2,455.5	2,551.6	2,388.4	102.2	104.5	102.8	106.8
From stripper well leases.....	..do.....	313.9	290.0	302.3	316.5	293.7	106.9	98.7	102.9	107.8
Lease condensate.....	..do.....	121.1	106.8	108.8	114.9	111.9	108.2	95.4	97.2	102.7
Natural gas.....	Bil. cu. ft.	14,477.4	14,711.9	14,786.5	15,160.0	15,382.1	94.1	95.6	96.1	98.6
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	108,492.2	74,903.0	48,430.8	38,279.7	33,955.6	320.4	220.6	142.6	112.7
Crude petroleum.....	..do.....	75,255.9	49,371.7	28,938.0	22,116.6	19,963.4	377.0	247.3	145.0	110.8
Lease condensate.....	..do.....	71,428.3	47,162.8	27,601.2	20,993.2	18,960.6	376.7	248.7	145.6	110.7
Natural gas.....	..do.....	3,827.4	2,208.9	1,336.8	1,123.4	1,002.8	381.7	220.3	133.3	112.0
Income from oil and gas royalties	..do.....	30,248.9	23,442.7	18,070.2	14,880.7	12,858.9	235.2	182.3	140.5	115.7
Other lease revenues from pro-	..do.....	2,384.4	1,708.0	1,128.1	1,039.6	984.8	242.1	173.5	114.6	105.6
ducing operations.....	..do.....	603.0	380.0	294.5	242.8	148.5	608.1	255.9	198.3	163.5
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	98,635.7	62,655.0	44,686.4	30,373.3	25,725.1	383.4	243.6	173.7	118.1
Drilling and equipping wells <sup>1</sup> ..	..do.....	30,674.2	20,830.8	15,617.2	9,367.9	7,794.9	393.5	267.2	200.4	120.2
Dry holes.....	..do.....	13,545.7	8,678.6	5,619.2	4,098.3	3,220.8	420.6	269.5	174.5	127.2
Oil wells.....	..do.....	5,844.4	3,615.4	2,565.2	2,215.2	1,637.6	356.9	220.8	156.6	135.3
Gas wells.....	..do.....	2,437.3	1,281.8	714.0	453.3	412.1	591.4	311.0	173.3	110.0
Work-in-progress adjustment..	..do.....	3,396.6	2,219.5	1,459.1	1,090.6	750.1	452.8	295.9	194.5	145.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,867.3	1,561.9	881.0	339.1	420.9	443.6	371.1	209.3	80.6
Land department leasing and scouting.....	..do.....	11,188.2	7,899.2	7,036.5	2,885.4	2,579.5	433.7	306.2	272.8	111.9
Geological and geophysical.....	..do.....	376.2	274.7	223.5	163.6	164.1	229.3	167.5	136.2	99.7
Lease rents.....	..do.....	2,823.0	1,871.0	1,218.2	1,028.7	833.3	338.8	224.5	146.2	123.4
Test hole contributions.....	..do.....	600.4	429.1	311.6	285.3	245.8	244.3	174.6	126.8	116.1
Other exploration expenditures including direct overhead.....	..do.....	34.2	28.0	23.0	24.5	32.7	104.6	85.6	70.3	74.9
General and administrative overhead, not reported elsewhere.....	..do.....	999.0	757.4	523.5	393.5	305.2	327.3	248.2	171.5	128.9
Development expenditures.....	..do.....	1,107.5	892.8	661.7	488.8	413.5	267.8	215.9	160.0	118.2
Drilling and equipping wells <sup>1</sup> ..	..do.....	25,015.7	19,578.9	17,303.6	11,010.7	9,212.9	271.5	212.5	187.8	119.5
Dry holes.....	..do.....	16,107.5	10,193.4	7,972.5	6,838.7	5,712.9	281.9	178.4	139.6	119.7
Oil wells.....	..do.....	1,512.8	951.2	875.8	788.6	645.6	234.3	147.3	135.7	122.1
Gas wells.....	..do.....	6,209.9	3,609.4	2,630.2	2,240.5	2,398.8	258.9	150.5	109.6	93.4
Work-in-progress adjustment..	..do.....	6,252.2	4,150.7	3,378.6	2,825.4	2,116.6	295.4	196.1	159.6	133.5
Lease equipment.....	..do.....	2,132.6	1,482.1	1,087.9	984.2	551.9	386.4	268.5	197.1	178.3
Lease and land acquisitions of producing acreage.....	..do.....	4,760.3	3,572.8	2,146.0	2,175.0	1,607.9	296.1	222.2	133.5	135.3
Fluid injection and improved recovery programs.....	..do.....	972.6	3,414.6	5,511.3	450.1	382.8	254.1	892.0	1,439.7	117.6
Other development expenditures including direct overhead.....	..do.....	1,458.2	941.2	528.3	639.3	461.4	316.0	204.0	114.5	138.6
General and administrative overhead, not reported elsewhere.....	..do.....	801.6	712.5	544.3	467.5	672.3	119.2	106.0	81.0	69.5
Production expenditures.....	..do.....	915.6	744.4	601.2	440.1	375.7	243.7	198.1	160.0	117.1
Direct operating expenditures..	..do.....	42,945.8	22,245.2	11,765.6	9,994.6	8,717.4	492.6	255.2	135.0	114.7
Operating and maintenance....	..do.....	13,505.1	9,461.9	7,295.3	6,152.2	5,277.9	255.9	179.3	138.2	116.6
Well workovers.....	..do.....	11,006.7	7,507.9	5,754.7	4,876.9	4,248.1	259.1	176.7	135.5	114.8
Other direct expenses.....	..do.....	1,619.3	1,213.6	1,001.1	777.6	703.9	230.0	172.4	142.2	110.5
Indirect operating expenditures	..do.....	879.0	740.5	539.7	497.7	325.9	269.7	227.2	165.6	152.7
Ad valorem, production, and severance taxes.....	..do.....	29,440.8	12,783.4	4,470.3	3,842.5	3,439.5	856.0	371.7	130.0	111.7
General and administrative overhead.....	..do.....	6,638.6	4,564.9	2,750.4	2,379.0	2,098.9	316.3	217.5	131.0	113.3
Other indirect expenses including Federal excise taxes <sup>2</sup> .....	..do.....	2,244.8	1,709.8	1,181.3	1,069.8	905.2	248.0	188.9	130.5	118.2
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....	Mil. dol....	20,557.5	6,508.7	538.6	393.6	435.6	4,719.0	1,494.2	123.6	90.4
Capitalized expenditures.....	..do.....	157,906.8	128,414.5	106,587.3	94,433.8	83,867.7	188.3	153.1	127.1	112.6
Retirement and dispositions.....	..do.....	46,386.0	33,523.5	27,332.6	17,074.8	13,832.5	335.3	242.4	197.6	123.4
Gross book value of fixed assets (end of year) <sup>3</sup> .....	..do.....	7,722.9	5,720.5	6,106.2	5,861.3	3,268.3	236.3	175.0	186.8	179.3
Depletion, depreciation, and amortization of fixed assets:										
Cost during the year.....	..do.....	196,569.7	156,217.5	127,813.7	105,647.4	94,431.9	208.2	165.5	135.4	111.9
Accumulated cost, end of the year.....	..do.....	13,498.7	10,764.5	8,873.5	6,790.9	5,506.5	245.1	195.5	161.1	123.3
	..do.....	69,866.2	59,818.8	48,552.6	44,099.3	40,250.4	173.6	148.6	120.6	109.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Figures for other indirect expenses do not include Federal excise taxes for years prior to 1980.

<sup>3</sup>Figures for gross book value of fixed assets (end of year) differ from following year assets (beginning of year) for various reasons such as revisions reported by respondents, accounting method modifications, company organization changes, and changes in the survey panel.

Table 6A. Sales and Expenditures Statistics for Companies Ranked by Total Lease Revenues: 1981

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Lease volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,441.7	1,299.8	453.2	170.2	73.4	62.8
From stripper well leases.....	..do.....	313.9	88.2	73.7	13.3	4.4	7.9
Lease condensate.....	..do.....	121.1	47.3	23.5	5.9	5.5	7.0
Natural gas.....	Bil. cu. ft.	14,477.4	5,248.7	2,898.5	1,301.9	652.2	1,174.3
Lease revenues.....	Mil. dol....	108,492.2	49,670.0	20,903.0	8,745.0	4,105.2	4,950.4
Crude petroleum and condensate...	..do.....	75,255.9	39,033.4	14,705.1	5,572.4	2,201.2	2,192.7
Crude petroleum.....	..do.....	71,428.3	37,478.8	13,901.2	5,364.9	2,012.8	1,953.7
Lease condensate.....	..do.....	3,827.4	1,554.6	803.9	207.5	188.4	238.1
Natural gas.....	..do.....	30,248.9	9,914.5	5,459.2	2,812.8	1,726.3	2,664.9
Income from oil and gas royalties	..do.....	2,384.4	616.3	605.5			56.1
Other lease revenues from producing operations.....	..do.....	603.0	105.8	133.1	359.9	177.7	36.1
Expenditures (capitalized and expensed).....	..do.....	98,635.7	41,697.6	17,345.9	6,869.0	3,224.5	5,256.1
Exploration expenditures.....	..do.....	30,674.2	10,932.5	4,871.6	2,569.7	1,052.0	2,113.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	13,545.7	4,137.8	1,654.1	1,265.1	537.8	961.1
Dry holes.....	..do.....	5,844.4	1,762.5	899.1	487.0	244.2	437.7
Oil wells.....	..do.....	2,437.3	515.1	201.1	221.4	68.4	120.1
Gas wells.....	..do.....	3,396.6	1,067.2	314.1	414.6	130.8	246.1
Work-in-progress adjustment..	..do.....	1,867.3	793.0	239.8	142.2	94.4	157.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	11,188.2	4,315.3	2,222.7	862.2	368.8	654.1
Land department leasing and scouting.....	..do.....	376.2	102.6	45.3	27.9	9.5	52.1
Geological and geophysical.....	..do.....	2,823.0	1,433.8	463.7	266.4	61.7	180.1
Lease rents.....	..do.....	600.4	169.3	80.2	42.8	18.7	49.1
Test hole contributions.....	..do.....	34.2	24.2		1.6		1.1
Other exploration expenditures including direct overhead.....	..do.....	999.0	333.5	276.3	74.4	22.3	107.1
General and administrative overhead, not reported elsewhere.....	..do.....	1,107.5	416.0	129.4	29.3	33.3	106.1
Development expenditures.....	..do.....	25,015.7	8,421.2	3,650.8	1,545.7	1,157.9	1,755.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	16,107.5	4,296.3	2,270.1	944.5	903.7	1,229.1
Dry holes.....	..do.....	1,512.8	332.0	160.8	48.0	70.7	148.1
Oil wells.....	..do.....	6,209.9	1,939.6	807.9	404.3	187.4	404.1
Gas wells.....	..do.....	6,252.2	1,143.3	841.2	417.0	457.5	513.1
Work-in-progress adjustment..	..do.....	2,132.6	881.4	460.2	75.2	188.0	163.1
Lease equipment <sup>3</sup> .....	..do.....	4,760.3	2,560.5	570.8	399.7	106.4	334.1
Lease and land acquisitions of producing acreage.....	..do.....	972.6	100.1	201.7	34.2		
Fluid injection and improved recovery programs.....	..do.....	1,458.2	902.3	261.2	113.6	116.4	127.1
Other development expenditures including direct overhead.....	..do.....	801.6	273.9	209.0	25.7		
General and administrative overhead, not reported elsewhere.....	..do.....	915.6	288.2	138.0	27.9	31.3	64.1
Production expenditures.....	..do.....	42,945.8	22,343.9	8,823.4	2,753.6	1,014.6	1,388.1
Direct operating expenditures..	..do.....	13,505.1	6,086.9	2,853.9	974.2	346.0	496.1
Operating and maintenance....	..do.....	11,006.7	4,976.1	2,294.4	843.1	284.3	414.1
Well workovers.....	..do.....	1,619.3	747.4		96.8	61.8	66.1
Other direct expenses.....	..do.....	879.0	363.4	559.5	34.2		15.1
Indirect operating expenditures	..do.....	29,440.8	16,257.0	5,969.5	1,779.4	668.6	891.1
Ad valorem, production, and severance taxes.....	..do.....	6,638.6	3,593.4	1,078.1	353.8	209.2	269.1
General and administrative overhead.....	..do.....	2,244.8	942.5	363.6	102.3	53.8	100.1
Other indirect expenses including Federal excise taxes	..do.....	20,557.5	11,721.2	4,527.8	1,323.4	405.6	521.1

See footnotes at end of table.

**Table 6A. Sales and Expenditures Statistics for Companies Ranked by Total Lease Revenues: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
<b>Sales volumes:</b>									
Crude petroleum and condensate...	Mil. bbl....	2,059.3	37.0	46.9	2,143.2	47.4	29.9	2,220.5	221.2
From stripper well leases.....	..do.....	187.6	7.3	7.0	201.9	12.0	6.1	220.0	93.9
Lease condensate.....	..do.....	89.1	3.7	4.4	97.2	4.3	3.4	104.8	16.3
Natural gas.....	Bil. cu. ft.	11,275.6	544.4	501.0	12,321.0	520.1	288.9	13,129.9	1,347.5
<b>Lease revenues:</b>									
Crude petroleum and condensate...	Mil. dol....	88,373.4	2,804.7	2,946.4	94,124.5	2,852.1	1,694.8	98,671.3	9,820.9
Crude petroleum.....	..do.....	63,704.1	1,221.6	1,556.4	66,482.1	1,466.1	957.1	68,905.3	6,350.6
Lease condensate.....	..do.....	60,710.9	1,096.5	1,414.3	63,221.7	1,336.4	849.6	65,407.7	6,020.6
Natural gas.....	..do.....	2,993.2	125.1	142.1	3,260.4	129.6	107.5	3,497.5	329.9
Income from oil and gas royalties	..do.....	22,577.8	1,458.8	1,274.0	25,310.6	1,210.8	659.5	27,180.8	3,068.1
Other lease revenues from producing operations.....	..do.....	1,703.7	109.7	94.9	1,908.3	128.2	39.7	2,076.3	308.1
Expenditures (capitalized and expensed).....	..do.....	387.8	14.6	21.1	423.4	47.0	38.6	509.0	94.0
<b>Exploration expenditures:</b>									
Drilling and equipping wells <sup>1 2</sup>	..do.....	74,393.9	3,099.6	3,569.8	81,063.3	3,375.8	2,303.3	86,742.4	11,893.3
Dry holes.....	..do.....	21,539.1	1,326.1	1,590.0	24,455.2	1,401.3	936.7	26,793.2	3,880.9
Oil wells.....	..do.....	8,556.3	626.1	731.3	9,913.7	717.2	440.6	11,071.5	2,474.2
Gas wells.....	..do.....	3,830.0	259.5	320.9	4,410.4	306.0	158.0	4,874.4	970.0
Work-in-progress adjustment..	..do.....	1,126.6	102.6	121.7	1,351.0	120.6	118.0	1,589.5	847.8
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,172.8	226.4	183.3	2,582.5	228.2	125.6	2,936.3	460.3
Land department leasing and scouting.....	..do.....	1,427.0	37.5	105.4	1,569.9	62.3	38.9	1,671.2	196.1
Geological and geophysical.....	..do.....	8,423.4	482.5	587.5	9,493.4	465.5	340.1	10,299.0	889.3
Lease rents.....	..do.....	237.5	9.6	23.6	270.8	36.0	7.6	314.4	61.8
Test hole contributions.....	..do.....	2,406.3	82.2	88.1	2,576.7	82.8	63.5	2,723.0	100.1
Other exploration expenditures including direct overhead.....	..do.....	360.9	32.7	26.4	420.0	24.4	21.7	466.1	134.3
General and administrative overhead, not reported elsewhere.....	..do.....	28.0	0.6	1.1	29.7	44.6	15.6	31.0	3.1
Development expenditures.....	..do.....	812.3	29.7	40.8	882.8	44.6	15.6	941.6	57.5
Drilling and equipping wells <sup>1 2</sup>	..do.....	714.4	62.7	91.2	868.3	30.8	47.7	946.8	160.6
Dry holes.....	..do.....	16,531.2	996.2	1,092.9	18,620.2	1,081.9	817.6	20,519.8	4,495.9
Oil wells.....	..do.....	9,644.4	767.4	719.8	11,131.6	853.3	558.4	12,543.2	3,564.3
Gas wells.....	..do.....	760.3	81.6	93.1	935.0	123.8	78.9	1,137.6	375.2
Work-in-progress adjustment..	..do.....	3,743.5	281.5	212.1	4,237.0	297.4	204.3	4,738.7	1,471.2
Lease equipment <sup>3</sup> .....	..do.....	3,372.3	338.8	320.6	4,031.7	378.4	242.0	4,652.0	1,600.2
Lease and land acquisitions of producing acreage.....	..do.....	1,768.4	65.4	94.1	1,927.9	53.7	33.3	2,014.9	117.7
Fluid injection and improved recovery programs.....	..do.....	3,971.7	103.0	87.0	4,161.7	115.3	96.2	4,373.2	387.0
Other development expenditures including direct overhead.....	..do.....	405.6	49.7	192.8	648.2	62.1	75.5	785.8	186.8
General and administrative overhead, not reported elsewhere.....	..do.....	1,361.8	26.1	7.4	1,395.4	27.6	49.4	1,432.4	25.8
Production expenditures.....	..do.....	597.7	18.7	40.8	657.2	27.6	49.4	697.1	104.5
Direct operating expenditures..	..do.....	549.9	31.2	45.1	626.3	23.6	38.1	688.0	227.7
Operating and maintenance.....	..do.....	36,323.6	777.3	886.9	37,987.8	892.6	549.0	39,429.3	3,516.5
Well workovers.....	..do.....	10,757.3	282.7	292.5	11,332.5	333.5	183.6	11,849.7	1,655.4
Other direct expenses.....	..do.....	8,812.0	240.8	244.2	9,297.0	277.7	153.8	9,728.6	1,278.1
Indirect operating expenditures	..do.....	1,264.8	25.1	39.1	1,329.0	32.9	21.3	1,383.2	236.1
Ad valorem, production, and severance taxes.....	..do.....	680.5	16.8	9.2	706.5	22.9	8.4	737.9	141.1
General and administrative overhead.....	..do.....	25,566.2	494.7	594.4	26,655.2	559.0	365.4	27,579.7	1,861.1
Other indirect expenses including Federal excise taxes	..do.....	5,504.1	173.4	163.8	5,841.4	153.2	97.0	6,091.5	547.1
	..do.....	1,562.9	40.6	60.1	1,663.5	81.2	57.5	1,802.2	442.6
	..do.....	18,499.3	280.6	370.4	19,150.3	324.7	210.9	19,685.9	871.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 6B. Drilling and Asset-Related Statistics for Companies Ranked by Total Lease Revenues: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenues				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	5,844.4	1,762.5	899.1	487.0	244.2	437.0
Number of wells.....	Number.....	8,501	729	301	237	179	40
Total footage drilled.....	Thou. ft....	52,715	6,917	2,928	2,086	1,433	2,900
Exploration oil wells:							
Expenditures.....	Mil. dol....	2,437.3	515.1	201.1	221.4	68.4	120.0
Number of wells.....	Number.....	4,471	331	165	212	63	110
Total footage drilled.....	Thou. ft....	24,528	2,852	1,156	1,548	422	1,000
Exploration gas wells:							
Expenditures.....	Mil. dol....	3,396.6	1,067.2	314.1	414.6	130.8	246.0
Number of wells.....	Number.....	3,010	307	113	174	75	110
Total footage drilled.....	Thou. ft....	23,019	3,571	1,297	1,545	655	1,100
Development dry holes:							
Expenditures.....	Mil. dol....	1,512.8	332.0	160.8	48.0	70.7	148.0
Number of wells.....	Number.....	3,976	253	170	62	186	200
Total footage drilled.....	Thou. ft....	22,176	1,993	1,231	462	1,310	1,300
Development oil wells:							
Expenditures.....	Mil. dol....	6,209.9	1,939.6	807.9	404.3	187.4	404.0
Number of wells.....	Number.....	16,680	3,295	2,294	521	350	700
Total footage drilled.....	Thou. ft....	78,406	15,076	9,286	3,036	1,607	4,200
Development gas wells:							
Expenditures.....	Mil. dol....	6,252.2	1,143.3	841.2	417.0	457.5	513.0
Number of wells.....	Number.....	9,686	722	628	170	454	600
Total footage drilled.....	Thou. ft....	60,958	6,187	5,411	1,490	3,334	3,800
Expenditures for platforms.....	Mil. dol....	1,265.7	342.4	279.5	111.5	115.0	205.0
Drilling platforms <sup>1</sup> .....	..do.....	743.4	253.3	227.0	11.3	115.0	205.0
Production platforms <sup>2</sup> .....	..do.....	522.3	89.1	52.5	100.2		
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....							
Oil and gas field properties.....	..do.....	157,906.8	62,979.1	33,256.6	13,027.9	5,976.2	9,750.0
Buildings, other structures, and machinery.....	..do.....	154,666.4	61,746.2	32,928.9	12,827.8	5,881.2	9,599.0
Capitalized expenditures.....	..do.....	3,240.4	1,232.9	327.7	200.1	95.0	151.0
Oil and gas field properties.....	..do.....	46,386.0	15,465.4	7,797.4	3,629.3	2,114.2	3,474.0
Buildings, other structures, and machinery.....	..do.....	44,947.7	14,827.5	7,709.5	3,587.8	2,077.1	3,353.0
Retirement and dispositions.....	..do.....	1,438.2	637.9	87.9	41.5	37.1	121.0
Oil and gas field properties.....	..do.....	7,722.9	3,224.5	1,154.4	564.4	361.7	347.0
Buildings, other structures, and machinery.....	..do.....	7,723.7	3,283.9	1,154.4	627.4	354.5	347.0
Gross book value of fixed assets (end of year).....	..do.....	-0.7	-59.3		-63.0	7.2	
Oil and gas field properties.....	..do.....	196,569.7	75,220.0	39,899.6	16,092.8	7,728.7	12,877.0
Buildings, other structures, and machinery.....	..do.....	191,890.4	73,289.7	39,484.8	15,788.2	7,603.8	12,647.0
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	1,930.2	414.7	304.6	124.9	230.0
Oil and gas field properties.....	..do.....	13,498.7	4,828.3	2,679.4	1,024.0	596.4	1,077.0
Buildings, other structures, and machinery.....	..do.....	13,186.4	4,722.4	2,644.2	1,010.2	589.3	1,066.0
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	105.8	35.2	13.8	7.2	1.0
Oil and gas field properties.....	..do.....	69,866.2	29,226.8	15,152.5	6,053.6	2,142.9	4,340.0
Buildings, other structures, and machinery.....	..do.....	68,519.8	28,698.2	14,983.9	5,972.8	2,116.1	4,280.0
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	1,346.4	528.6	168.6	80.8	26.8	5.0

See footnotes at end of table.



**Table 6B. Drilling and Asset-Related Statistics for Companies Ranked by Total Lease Revenues: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	3,830.0	259.5	320.9	4,410.4	306.0	158.0	4,874.4	970.0
Number of wells.....	Number.....	1,852	200	388	2,440	445	309	3,194	5,307
Total footage drilled.....	Thou. ft....	16,329	1,799	2,866	20,994	3,295	2,236	26,525	26,190
Exploration oil wells:									
Expenditures.....	Mil. dol....	1,126.6	102.6	121.7	1,351.0	120.6	118.0	1,589.5	847.8
Number of wells.....	Number.....	903	71	91	1,065	157	144	1,366	3,105
Total footage drilled.....	Thou. ft....	7,056	516	789	8,361	1,143	1,028	10,532	13,996
Exploration gas wells:									
Expenditures.....	Mil. dol....	2,172.8	226.4	183.3	2,582.5	228.2	125.6	2,936.3	460.3
Number of wells.....	Number.....	816	93	91	1,000	215	97	1,312	1,698
Total footage drilled.....	Thou. ft....	8,178	929	822	9,929	1,477	763	12,169	10,850
Development dry holes:									
Expenditures.....	Mil. dol....	760.3	81.6	93.1	935.0	123.8	78.9	1,137.6	375.2
Number of wells.....	Number.....	877	121	154	1,151	171	158	1,481	2,495
Total footage drilled.....	Thou. ft....	6,348	704	1,186	8,238	1,180	1,135	10,553	11,623
Development oil wells:									
Expenditures.....	Mil. dol....	3,743.5	281.5	212.1	4,237.0	297.4	204.3	4,738.7	1,471.2
Number of wells.....	Number.....	7,175	459	406	8,040	1,047	422	9,509	7,171
Total footage drilled.....	Thou. ft....	33,283	2,643	2,725	38,651	4,532	2,772	45,955	32,451
Development gas wells:									
Expenditures.....	Mil. dol....	3,372.3	338.8	320.6	4,031.7	378.4	242.0	4,652.0	1,600.2
Number of wells.....	Number.....	2,583	417	331	3,330	545	572	4,448	5,238
Total footage drilled.....	Thou. ft....	20,316	3,314	2,511	26,141	3,111	3,021	32,273	28,685
Expenditures for platforms.....	Mil. dol....	1,053.6	39.3	51.0	1,144.0	74.9	15.4	1,234.2	31.4
Drilling platforms <sup>1</sup> .....	..do.....	647.7	20.8	17.4	685.9	43.2	15.4	1,234.2	5.7
Production platforms <sup>2</sup> .....	..do.....	405.9	18.6	33.6	458.1	31.7		1,234.2	25.8
Net book value of fixed assets beginning of year <sup>3</sup> .....	..do.....	124,990.3	5,718.1	5,936.3	136,644.7	6,390.3	2,898.5	145,933.5	11,973.3
Oil and gas field properties.....	..do.....	122,983.3	5,641.4	5,865.1	134,489.8	6,104.4	2,818.4	143,412.5	11,253.9
Buildings, other structures, and machinery.....	..do.....	2,007.0	76.7	71.2	2,154.9	285.9	80.1	2,521.0	719.4
Capitalized expenditures.....	..do.....	32,481.0	2,318.2	2,279.4	37,078.4	2,428.9	1,476.1	40,983.5	5,402.5
Oil and gas field properties.....	..do.....	31,554.9	2,300.4	2,220.3	36,075.7	2,344.1	1,425.5	39,845.2	5,102.5
Buildings, other structures, and machinery.....	..do.....	926.0	17.7	59.0	1,002.8	84.8	50.6	1,138.2	300.0
Retirement and dispositions.....	..do.....	5,652.5	252.3	258.8	6,163.6	316.7	221.0	6,701.2	1,021.7
Oil and gas field properties.....	..do.....	5,652.5	242.6	255.7	6,163.6	302.2	218.2	6,701.2	980.7
Buildings, other structures, and machinery.....	..do.....		9.7	3.2		14.5	2.7		41.0
Net book value of fixed assets end of year.....	..do.....	151,818.7	7,784.0	7,956.9	167,559.5	8,502.5	4,153.7	180,215.7	16,354.1
Oil and gas field properties.....	..do.....	148,813.9	7,699.2	7,829.8	164,342.8	8,146.2	4,025.7	176,514.7	15,375.7
Buildings, other structures, and machinery.....	..do.....	3,004.8	84.8	127.1	3,216.7	356.3	128.0	3,701.0	978.3
Depreciation, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	10,201.3	642.8	604.4	11,448.5	585.1	296.6	12,330.3	1,168.4
Oil and gas field properties.....	..do.....	10,026.2	637.1	593.7	11,257.0	559.0	287.4	12,103.5	1,082.9
Buildings, other structures, and machinery.....	..do.....	175.1	5.7	10.7	191.5	26.1	9.2	226.9	85.6
Depreciation, depreciation, and amortization of fixed assets, end of year.....	..do.....	56,918.5	2,607.8	2,393.7	61,920.1	2,363.0	1,183.5	65,466.6	4,399.6
Oil and gas field properties.....	..do.....	56,056.5	2,575.6	2,360.1	60,992.2	2,247.6	1,152.3	64,392.0	4,127.8
Buildings, other structures, and machinery.....	..do.....	862.0	32.2	33.7	927.8	115.5	31.3	1,074.6	271.8

Note: Detailed figures may not add to totals because of independent rounding.

Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

Expenditures for production platforms are included in expenditures for lease equipment.

Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 10 presents information for groups of companies with similar accounting methods.

Table 7A. Sales and Expenditures Statistics for Companies Ranked by Net Assets: 1981

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by net assets <sup>1</sup>				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Sales volumes:							
Crude petroleum and condensate...	Mil. bbl....	2,441.7	1,086.0	624.8	157.9	77.3	73.3
From stripper well leases....	..do.....	313.9	99.0	59.9	16.6	2.1	7.5
Lease condensate.....	..do.....	121.1	46.6	23.5	7.8	3.3	7.8
Natural gas.....	Bil. cu. ft.	14,477.4	5,423.4	2,852.8	1,262.8	797.1	816.4
Base revenues.....	Mil. dol....	108,491.9	45,575.6	24,145.0	7,969.2	4,575.7	4,680.7
Crude petroleum and condensate...	..do.....	75,255.8	34,203.4	18,198.5	5,246.6	2,458.8	2,362.5
Crude petroleum.....	..do.....	71,428.4	32,663.1	17,405.0	4,970.7	2,340.7	2,102.7
Lease condensate.....	..do.....	3,827.5	1,540.3	793.5	275.9	118.1	259.8
Natural gas.....	..do.....	30,248.9	10,542.2	5,322.3	2,595.0	1,842.4	2,122.0
Income from oil and gas royalties	..do.....	2,384.4	715.5	499.7			168.8
Other lease revenues from producing operations.....	..do.....	603.0	114.4	124.5	(D)	(D)	27.3
Expenditures (capitalized and expensed).....	..do.....	98,635.7	37,798.3	20,911.4	7,478.4	3,042.5	4,888.3
Exploration expenditures.....	..do.....	30,674.0	10,863.6	5,140.5	2,514.7	1,132.4	1,995.9
Drilling and equipping wells <sup>2 3</sup>	..do.....	13,545.6	4,206.4	1,768.5	1,099.9	605.8	978.0
Dry holes.....	..do.....	5,844.4	1,786.0	893.7	458.1	275.7	484.3
Oil wells.....	..do.....	2,437.3	538.0	196.5	179.7	83.6	109.1
Gas wells.....	..do.....	3,396.6	1,016.2	505.5	275.7	163.6	240.1
Work-in-progress adjustment..	..do.....	1,867.3	866.2	172.8	186.3	82.9	144.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	11,188.2	4,276.3	2,297.2	877.7	373.4	707.0
Land department leasing and scouting.....	..do.....	376.2	90.3	59.3	32.5	3.4	32.4
Geological and geophysical.....	..do.....	2,823.0	1,313.6	574.2	266.5	78.6	134.2
Lease rents.....	..do.....	600.4	169.0			24.3	38.1
Test hole contributions.....	..do.....	34.2	24.2	77.1	52.9	0.5	0.5
Other exploration expenditures including direct overhead.....	..do.....	999.0	367.9	261.8	124.4	13.1	41.3
General and administrative overhead, not reported elsewhere.....	..do.....	1,107.5	416.0	102.4	60.8	33.2	64.4
Development expenditures.....	..do.....	25,015.7	7,864.7	4,311.2	1,761.2	1,097.3	1,505.7
Drilling and equipping wells <sup>2 3</sup>	..do.....	16,107.5	4,339.7	2,304.8	1,194.6	734.0	1,154.7
Dry holes.....	..do.....	1,512.8	325.1	169.5	110.3	70.8	119.3
Oil wells.....	..do.....	6,209.9	1,818.4	937.6	377.4	149.1	283.6
Gas wells.....	..do.....	6,252.2	1,228.8	822.4	706.9	514.0	477.7
Work-in-progress adjustment..	..do.....	2,132.6	967.5	375.4			274.0
Lease equipment <sup>4</sup> .....	..do.....	4,760.3	2,138.9	1,083.6	295.5	237.9	168.7
Lease and land acquisitions of producing acreage.....	..do.....	972.6	90.1	219.8			43.6
Fluid injection and improved recovery programs.....	..do.....	1,458.2	734.9	383.9	151.0	69.2	42.4
Other development expenditures including direct overhead.....	..do.....	801.6	249.2	224.3	54.7	30.2	55.8
General and administrative overhead, not reported elsewhere.....	..do.....	915.6	312.0	94.7	65.3	26.0	40.6
Production expenditures.....	..do.....	42,945.8	19,069.9	11,459.6	3,202.5	812.7	1,386.7
Direct operating expenditures..	..do.....	13,505.1	4,931.2	3,958.8	969.1	244.3	532.3
Operating and maintenance....	..do.....	11,006.7	3,673.2	3,572.5	825.2	192.0	454.8
Well workovers.....	..do.....	1,619.3	704.0	386.3	89.4	52.3	60.7
Other direct expenses.....	..do.....	879.0	554.0		54.5		16.6
Indirect operating expenditures	..do.....	29,440.8	14,138.7	7,500.9	2,233.4	568.4	854.4
Ad valorem, production, and severance taxes.....	..do.....	6,638.6	2,795.7	1,807.8	415.7	167.6	238.7
General and administrative overhead.....	..do.....	2,244.8	809.2	481.2	111.6	47.6	65.8
Other indirect expenses including Federal excise taxes	..do.....	20,557.5	10,533.8	5,211.8	1,706.1	353.2	550.1

See footnotes at end of table.

Table 7A. Sales and Expenditures Statistics for Companies Ranked by Net Assets: 1981—Continued

(Net company interest basis)

Item	Unit of measure	Companies ranked by net assets <sup>1</sup> --Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,019.3	55.1	49.0	2,123.4	39.3	26.0	2,188.7	253.0
From stripper well leases.....	..do.....	185.1	6.0	8.7	199.8	8.6	6.6	215.0	99.1
Lease condensate.....	..do.....	88.9	4.5	4.5	98.0	3.3	1.8	103.1	18.1
Natural gas.....	Bil. cu. ft.	11,152.5	485.0	618.1	12,255.6	590.8	214.4	13,060.8	1,416.7
Lease revenues.....	Mil. dol....	86,946.3	3,002.8	3,254.6	93,203.7	2,861.3	1,529.9	97,594.9	10,897.0
Crude petroleum and condensate...	..do.....	62,469.9	1,667.8	1,607.9	65,745.5	1,322.4	894.2	67,962.2	7,293.6
Crude petroleum.....	..do.....	59,482.3	1,521.9	1,451.5	62,455.7	1,204.5	838.6	64,498.8	6,929.6
Lease condensate.....	..do.....	2,987.6	145.9	156.4	3,289.9	117.9	55.7	3,463.4	364.1
Natural gas.....	..do.....	22,423.9	1,245.9	1,474.8	25,144.6	1,433.9	521.7	27,100.2	3,148.7
Income from oil and gas royalties	..do.....	1,681.9	52.1	121.8	1,855.8	86.7	97.8	2,040.3	344.1
Other lease revenues from producing operations.....	..do.....	370.6	37.0	50.1	457.7	18.4	16.2	492.2	110.7
Expenditures (capitalized and expensed).....	..do.....	74,118.9	3,110.9	4,214.6	81,444.4	3,395.5	1,853.3	86,693.2	11,942.4
Exploration expenditures.....	..do.....	21,647.2	1,355.6	1,911.9	24,914.6	1,431.7	768.3	27,114.6	3,559.4
Drilling and equipping wells <sup>2</sup> ..do.....	..do.....	8,658.6	550.9	849.5	10,059.0	683.1	392.7	11,134.8	2,410.8
Dry holes.....	..do.....	3,897.9	226.5	337.6	4,462.0	301.3	161.5	4,924.8	919.5
Oil wells.....	..do.....	1,106.9	105.5	139.4	1,351.8	101.5	108.6	1,561.9	875.5
Gas wells.....	..do.....	2,201.0	187.7	259.1	2,647.9	210.2	95.2	2,953.2	443.4
Work-in-progress adjustment.....	..do.....	1,452.8	31.2	113.3	1,597.3	70.2	27.4	1,694.9	172.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	8,531.6	541.3	690.6	9,763.5	482.4	238.3	10,484.2	704.1
Land department leasing and scouting.....	..do.....	218.0	33.9	17.9	269.8	29.8	19.9	319.6	56.7
Geological and geophysical.....	..do.....	2,367.2	110.2	140.6	2,618.0	82.9	38.9	2,739.7	83.3
Lease rents.....	..do.....	358.8	27.2	47.8	433.8	31.2	15.3	480.3	120.1
Test hole contributions.....	..do.....	27.9	0.6	1.7	30.2	0.6	0.1	30.9	3.2
Other exploration expenditures including direct overhead.....	..do.....	808.4	34.5	58.1	901.1	30.6	18.0	949.6	49.4
General and administrative overhead, not reported elsewhere.....	..do.....	676.9	57.0	105.6	839.5	91.1	45.1	975.7	131.8
Development expenditures.....	..do.....	16,540.1	938.7	1,333.0	18,811.8	1,164.8	559.1	20,535.7	4,480.0
Drilling and equipping wells <sup>2</sup> ..do.....	..do.....	9,727.9	606.7	965.1	11,299.6	815.6	436.2	12,551.4	3,556.1
Dry holes.....	..do.....	795.0	65.0	111.8	971.9	108.6	52.9	1,133.4	379.5
Oil wells.....	..do.....	3,566.1	269.0	359.1	4,194.2	339.3	168.9	4,702.5	1,507.4
Gas wells.....	..do.....	3,506.8	279.4	387.9	4,174.1	336.3	142.1	4,652.5	1,599.7
Work-in-progress adjustment.....	..do.....	1,859.9	-6.7	106.2	1,959.4	31.3	72.3	2,063.0	69.6
Lease equipment <sup>4</sup> .....	..do.....	3,924.6	110.0	161.0	4,195.6	122.2	51.3	4,369.1	391.2
Lease and land acquisitions of producing acreage.....	..do.....	395.5	129.3	106.8	631.5	141.9	21.9	795.4	177.2
Fluid injection and improved recovery programs.....	..do.....	1,339.5	29.2	40.7	1,409.4	7.7	10.2	1,427.2	31.0
Other development expenditures including direct overhead.....	..do.....	614.1	33.5	10.5	658.1	18.2	11.1	687.4	114.2
General and administrative overhead, not reported elsewhere.....	..do.....	538.6	30.0	48.9	617.6	59.2	28.4	705.2	210.5
Production expenditures.....	..do.....	35,931.5	816.7	969.8	37,717.9	799.0	525.9	39,042.9	3,903.0
Direct operating expenditures.....	..do.....	10,635.7	303.9	362.1	11,301.7	271.7	189.3	11,762.8	1,742.3
Operating and maintenance.....	..do.....	8,717.7	261.6	288.3	9,267.6	224.7	160.9	9,653.3	1,353.5
Well workovers.....	..do.....	1,249.1	42.2	45.4	2,034.1	35.8	20.9	1,377.9	241.5
Other direct expenses.....	..do.....	668.9	28.3	28.3	711.3	11.3	7.5	731.6	147.4
Indirect operating expenditures	..do.....	25,295.8	512.8	607.6	26,416.2	527.3	336.6	27,280.1	2,160.7
Ad valorem, production, and severance taxes.....	..do.....	5,425.0	159.2	180.0	5,764.3	174.3	94.4	6,033.0	605.6
General and administrative overhead.....	..do.....	1,515.4	85.0	81.6	1,682.0	61.5	49.9	1,793.3	451.4
Other indirect expenses including Federal excise taxes	..do.....	18,355.4	268.6	346.0	18,970.0	291.5	192.3	19,453.8	1,103.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Net assets were derived for individual companies by subtracting the accumulated depletion, depreciation, and amortization from the gross book value of fixed assets (end of the year).<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 7B. Drilling and Asset-Related Statistics for Companies Ranked by Net Assets:  
1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by net assets <sup>1</sup>				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	5,844.4	1,786.0	893.7	458.1	275.7	484.3
Number of wells.....	Number.....	8,501	716	304	244	192	357
Total footage drilled.....	Thou. ft....	52,715	6,769	3,053	1,937	1,630	2,958
Exploration oil wells:							
Expenditures.....	Mil. dol....	2,437.3	538.0	196.5	179.7	83.6	109.1
Number of wells.....	Number.....	4,471	378	134	181	66	115
Total footage drilled.....	Thou. ft....	24,528	3,002	1,205	1,199	596	880
Exploration gas wells:							
Expenditures.....	Mil. dol....	3,396.6	1,016.2	505.5	275.7	163.6	240.1
Number of wells.....	Number.....	3,010	308	121	169	103	116
Total footage drilled.....	Thou. ft....	23,019	3,503	1,476	1,440	806	1,005
Development dry holes:							
Expenditures.....	Mil. dol....	1,512.8	325.1	169.5	110.3	70.8	119.3
Number of wells.....	Number.....	3,976	287	136	219	111	156
Total footage drilled.....	Thou. ft....	22,176	2,132	1,106	1,440	703	1,348
Development oil wells:							
Expenditures.....	Mil. dol....	6,209.9	1,818.4	937.6	377.4	149.1	283.6
Number of wells.....	Number.....	16,680	3,577	1,891	663	195	528
Total footage drilled.....	Thou. ft....	78,406	15,237	8,967	3,228	1,399	2,822
Development gas wells:							
Expenditures.....	Mil. dol....	6,252.2	1,228.8	822.4	499.1	478.8	477.7
Number of wells.....	Number.....	9,686	815	548	428	478	379
Total footage drilled.....	Thou. ft....	60,958	6,690	5,139	3,103	3,050	2,845
Expenditures for platforms.....	Mil. dol....	1,265.7	387.0	242.7	151.5	136.5	154.8
Drilling platforms <sup>2</sup> .....	..do.....	743.4	290.0	178.4	81.9	136.5	154.8
Production platforms <sup>3</sup> .....	..do.....	522.3	97.0	64.3	69.7		
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....							
Oil and gas field properties.....	..do.....	157,906.8	64,795.5	31,927.4	12,374.5	7,263.1	9,375.9
Buildings, other structures, and machinery.....	..do.....	154,666.4	63,627.8	31,477.5	12,218.1	7,158.5	9,274.7
Capitalized expenditures.....	..do.....	3,240.4	1,167.7	449.9	156.4	104.6	101.2
Oil and gas field properties.....	..do.....	46,386.0	14,528.1	9,164.2	3,668.8	2,239.2	3,446.1
Buildings, other structures, and machinery.....	..do.....	44,947.7	13,974.8	8,986.3	3,625.7	2,170.8	3,408.3
Retirement and dispositions.....	..do.....	1,438.2	553.4	177.9	43.1	68.4	37.8
Oil and gas field properties.....	..do.....	7,722.9	1,694.2	2,738.1	500.3	254.3	416.1
Buildings, other structures, and machinery.....	..do.....	7,723.7	1,694.2	2,738.1	470.6	251.6	409.8
	..do.....	-0.7			29.7	2.7	6.3
Gross book value of fixed assets (end of year).....							
Oil and gas field properties.....	..do.....	196,569.7	77,629.5	38,353.6	15,543.1	9,248.0	12,405.8
Buildings, other structures, and machinery.....	..do.....	191,890.4	75,823.2	37,663.8	15,373.2	9,077.8	12,273.1
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	1,806.3	689.8	169.9	170.3	132.7
Oil and gas field properties.....	..do.....	13,498.7	5,118.9	2,491.1	987.3	689.1	1,026.7
Buildings, other structures, and machinery.....	..do.....	13,186.4	5,019.5	2,440.9	979.3	681.4	1,016.7
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	99.4	50.2	8.1	7.7	10.0
Oil and gas field properties.....	..do.....	69,866.2	29,301.1	15,163.7	5,903.4	2,714.6	3,785.5
Buildings, other structures, and machinery.....	..do.....	68,519.8	28,828.8	14,906.0	5,843.9	2,686.8	3,745.4
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	1,346.4	472.3	257.6	59.5	27.9	40.1

See footnotes at end of table.

**Table 7B. Drilling and Asset-Related Statistics for Companies Ranked by Net Assets: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by net assets <sup>1</sup> --Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	3,897.9	226.5	337.6	4,462.0	301.3	161.5	4,924.8	919.5
Number of wells.....	Number.....	1,813	208	401	2,422	388	473	3,283	5,216
Total footage drilled.....	Thou. ft....	16,347	1,754	2,956	21,057	3,204	3,045	27,306	25,409
Exploration oil wells:									
Expenditures.....	Mil. dol....	1,106.9	105.5	139.4	1,351.8	101.5	108.6	1,561.9	875.5
Number of wells.....	Number.....	874	75	113	1,063	112	128	1,302	3,168
Total footage drilled.....	Thou. ft....	6,882	552	922	8,356	885	919	10,160	14,368
Exploration gas wells:									
Expenditures.....	Mil. dol....	2,201.0	187.7	259.1	2,647.9	210.2	95.2	2,953.2	443.4
Number of wells.....	Number.....	817	76	120	1,013	182	131	1,326	1,684
Total footage drilled.....	Thou. ft....	8,230	671	929	9,830	1,453	1,050	12,333	10,686
Development dry holes:									
Expenditures.....	Mil. dol....	795.0	65.0	111.8	971.9	108.6	52.9	1,133.4	379.5
Number of wells.....	Number.....	910	89	161	1,159	180	129	1,468	2,508
Total footage drilled.....	Thou. ft....	6,729	656	930	8,315	1,335	881	10,531	11,645
Development oil wells:									
Expenditures.....	Mil. dol....	3,566.1	269.0	359.1	4,194.2	339.3	168.9	4,702.5	1,507.4
Number of wells.....	Number.....	6,854	436	625	7,914	1,047	477	9,438	7,242
Total footage drilled.....	Thou. ft....	31,653	2,151	3,924	37,728	5,193	2,808	45,729	32,677
Development gas wells:									
Expenditures.....	Mil. dol....	3,506.8	279.4	387.9	4,174.1	336.3	142.1	4,652.5	1,599.7
Number of wells.....	Number.....	2,648	223	656	3,528	636	254	4,417	5,267
Total footage drilled.....	Thou. ft....	20,827	1,735	4,523	27,085	3,352	1,860	32,297	28,661
Expenditures for platforms.....	Mil. dol....	1,072.6	57.7	69.8	1,200.1	21.9	2.7	1,224.8	40.9
Drilling platforms <sup>2</sup> .....	..do.....	662.3	31.7	22.3	716.2	21.9	2.7	729.7	13.7
Production platforms <sup>3</sup> .....	..do.....	410.3	26.1	47.5	483.9			495.1	27.2
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....									
Oil and gas field properties.....	..do.....	125,736.4	6,434.4	6,551.2	138,722.1	5,765.2	2,334.4	146,821.7	11,085.2
Buildings, other structures, and machinery.....	..do.....	123,756.6	6,336.4	6,304.1	136,397.1	5,635.9	2,239.4	144,272.4	10,394.1
Capitalized expenditures.....	..do.....	1,979.8	98.1	247.1	2,325.0	129.3	95.0	2,549.3	691.1
Oil and gas field properties.....	..do.....	33,046.5	2,144.8	2,969.2	38,160.5	2,410.9	1,187.4	41,758.8	4,627.4
Buildings, other structures, and machinery.....	..do.....	32,165.9	2,081.2	2,904.8	37,151.9	2,312.0	1,088.4	40,552.3	4,395.7
Retirement and dispositions.....	..do.....	880.6	63.6	64.4	1,008.6	98.8	99.1	1,206.5	231.7
Oil and gas field properties.....	..do.....	5,603.0	168.5	344.8	6,116.3	648.1	184.5	6,948.8	774.3
Buildings, other structures, and machinery.....	..do.....	5,603.0	164.9	334.6	6,116.3	648.1	175.1	6,948.8	774.3
	..do.....		3.6	10.2			9.4		
Gross book value of fixed assets (end of year).....									
Oil and gas field properties.....	..do.....	153,180.0	8,410.7	9,175.6	170,766.3	7,527.9	3,337.4	181,631.6	14,938.2
Buildings, other structures, and machinery.....	..do.....	150,211.1	8,252.7	8,874.3	167,338.1	7,340.7	3,152.7	177,831.4	14,059.0
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	2,968.9	158.1	301.3	3,428.3	187.2	184.7	3,800.2	879.2
Oil and gas field properties.....	..do.....	10,313.2	601.3	659.2	11,573.7	591.0	240.7	12,405.5	1,093.3
Buildings, other structures, and machinery.....	..do.....	10,137.9	595.4	637.5	11,370.7	575.5	224.6	12,170.9	1,015.4
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	175.3	5.9	21.7	203.0	15.5	16.1	234.6	77.9
Oil and gas field properties.....	..do.....	56,868.3	2,539.8	2,546.0	61,954.1	2,498.1	1,051.2	65,503.3	4,362.7
Buildings, other structures, and machinery.....	..do.....	56,010.9	2,505.9	2,462.5	60,979.3	2,442.2	999.0	64,420.5	4,099.2
	..do.....	857.4	33.9	83.5	974.8	55.8	52.2	1,082.9	263.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Net assets were derived for individual companies by subtracting the accumulated depletion, depreciation, and amortization from the gross book value of fixed assets (end of the year).

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 8. Detailed Statistics for Companies, by Geographical Areas: 1981

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
Sales volumes:						
Crude petroleum and condensate...	Mil. bbl....	2,441.7	490.2	23.6	1,646.5	281.4
From stripper well leases.....	..do.....	313.9	-	-	311.4	2.4
Lease condensate.....	..do.....	121.1	7.0	-	85.4	28.7
Natural gas.....	Bil. cu. ft.	14,477.4	171.5	-	9,880.4	4,425.5
Lease revenues.....	Mil. dol....	108,492.2	11,588.2	839.3	77,003.2	19,061.2
Crude petroleum and condensate...	..do.....	75,255.9	11,459.8	744.7	53,390.6	9,660.9
Crude petroleum.....	..do.....	71,428.3	11,299.3	744.7	50,846.8	9,660.9
Lease condensate.....	..do.....	3,827.4	160.4	-	2,543.8	-
Natural gas.....	..do.....	30,248.9	-	-	20,781.7	9,279.5
Income from oil and gas royalties	..do.....	2,384.4	-	-	2,307.6	76.5
Other lease revenues from pro-	..do.....	-	223.1	-	-	-
ducing operations.....	..do.....	603.0	-	-	523.5	44.2
Expenditures (capitalized and						
expensed).....	..do.....	98,635.7	(X)	(X)	(X)	(X)
Exploration expenditures.....	..do.....	30,674.2	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	13,545.7	183.1	169.1	9,760.1	3,433.3
Dry holes.....	..do.....	5,844.4	108.7	39.9	4,049.9	1,645.9
Oil wells.....	..do.....	2,437.3	-	-	2,033.0	(D)
Gas wells.....	..do.....	3,396.6	74.4	129.3	2,574.4	(D)
Work-in-progress adjustment..	..do.....	1,867.3	-	-	1,102.9	601.8
Lease and land acquisitions of	..do.....	11,188.2	4.6	6.6	4,706.7	6,470.3
nonproducing acreage.....	..do.....	-	-	-	-	-
Land department leasing and	..do.....	376.2	2.0	2.3	351.1	20.8
scouting.....	..do.....	2,823.0	114.6	149.9	2,044.6	513.9
Geological and geophysical.....	..do.....	600.4	-	-	544.2	-
Lease rents.....	..do.....	34.2	4.8	7.3	31.8	46.5
Test hole contributions.....	..do.....	-	-	-	-	-
Other exploration expenditures	..do.....	999.0	(X)	(X)	(X)	(X)
including direct overhead.....	..do.....	-	-	-	-	-
General and administrative	..do.....	-	-	-	-	-
overhead, not reported	..do.....	1,107.5	(X)	(X)	(X)	(X)
elsewhere.....	..do.....	-	-	-	-	-
Development expenditures.....	..do.....	25,015.7	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	16,107.5	760.1	27.4	12,367.8	2,952.1
Dry holes.....	..do.....	1,512.8	(D)	-	1,258.8	(D)
Oil wells.....	..do.....	6,209.9	394.1	-	4,935.2	880.6
Gas wells.....	..do.....	6,252.2	(D)	-	4,955.9	(D)
Work-in-progress adjustment..	..do.....	2,132.6	378.9	-	1,218.0	535.7
Lease equipment <sup>3</sup> .....	..do.....	4,760.3	825.7	-	2,527.5	1,407.0
Lease and land acquisitions of	..do.....	972.6	(D)	-	870.8	(D)
producing acreage.....	..do.....	-	-	-	-	-
Fluid injection and improved	..do.....	1,458.2	(D)	(D)	1,101.3	(D)
recovery programs.....	..do.....	-	-	-	-	-
Other development expenditures	..do.....	801.6	(X)	(X)	(X)	(X)
including direct overhead.....	..do.....	-	-	-	-	-
General and administrative	..do.....	-	-	-	-	-
overhead, not reported	..do.....	915.6	(X)	(X)	(X)	(X)
elsewhere.....	..do.....	-	-	-	-	-
Production expenditures.....	..do.....	42,945.8	(X)	(X)	(X)	(X)
Direct operating expenditures..	..do.....	13,505.1	313.4	88.6	11,016.0	2,087.1
Operating and maintenance....	..do.....	11,006.7	258.6	69.3	9,108.0	1,570.8
Well workovers.....	..do.....	1,619.3	-	-	1,186.8	389.9
Other direct expenses.....	..do.....	879.0	54.8	19.3	721.2	126.4
Indirect operating expenditures	..do.....	29,440.8	(X)	(X)	(X)	(X)
Ad valorem, production, and	..do.....	-	-	-	-	-
severance taxes.....	..do.....	6,638.6	1,576.0	41.2	4,794.6	226.9
General and administrative	..do.....	2,244.8	(X)	(X)	(X)	(X)
overhead.....	..do.....	-	-	-	-	-
Other indirect expenses in-	..do.....	-	-	-	-	-
cluding Federal excise taxes..	..do.....	20,557.5	2,750.4	264.6	14,227.6	3,315.0

See footnotes at end of table.

Table 8. Detailed Statistics for Companies, by Geographical Areas: 1981—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
<b>Drilling statistics:</b>						
<b>Exploration dry holes:</b>						
Expenditures.....	Mil. dol....	5,844.4	108.7	39.9	4,049.9	1,645.9
Number of wells.....	Number.....	8,501	6	2	8,106	385
Total footage drilled.....	Thou. ft....	52,715	67	18	48,830	3,800
<b>Exploration oil wells:</b>						
Expenditures.....	Mil. dol....	2,437.3	(D)		2,033.0	(D)
Number of wells.....	Number.....	4,471	(D)		4,384	(D)
Total footage drilled.....	Thou. ft....	24,528	(D)		23,552	(D)
<b>Exploration gas wells:</b>						
Expenditures.....	Mil. dol....	3,396.6	(D)		2,574.4	(D)
Number of wells.....	Number.....	3,010	(D)		2,799	(D)
Total footage drilled.....	Thou. ft....	23,019	(D)		20,983	(D)
<b>Development dry holes:</b>						
Expenditures.....	Mil. dol....	1,512.8	(D)		1,258.8	(D)
Number of wells.....	Number.....	3,976	(D)		3,866	(D)
Total footage drilled.....	Thou. ft....	22,176	(D)		21,224	(D)
<b>Development oil wells:</b>						
Expenditures.....	Mil. dol....	6,209.9	394.1		4,935.2	880.6
Number of wells.....	Number.....	16,680	134		15,926	619
Total footage drilled.....	Thou. ft....	78,406	1,009		73,902	3,495
<b>Development gas wells:</b>						
Expenditures.....	Mil. dol....	6,252.2	(D)		4,955.9	(D)
Number of wells.....	Number.....	9,686	(D)		9,336	(D)
Total footage drilled.....	Thou. ft....	60,958	(D)		57,802	(D)
Expenditures for platforms.....	Mil. dol....	1,265.7	(D)		55.5	(D)
Drilling platforms <sup>2</sup> .....	..do.....	743.4	(D)		23.5	(D)
Production platforms <sup>3</sup> .....	..do.....	522.3	(D)		32.0	(D)
<b>Gross book value of fixed assets (end of year)<sup>4</sup>:</b>						
Oil and gas field properties.....	..do.....	196,569.7	8,083.0	2,326.9	126,945.6	59,214.4
Buildings, other structures, and machinery.....	..do.....	191,890.4	7,567.5	2,321.5	123,172.4	58,829.1
		4,679.3	515.4	5.5	3,773.1	385.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 9. Detailed Statistics for the Offshore Lower 48 States for Companies Ranked by Total Lease Revenues: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 50	Companies 51 to 200	All other companies
<b>Sales volumes:</b>							
Crude petroleum and condensate...	Mil. bbl....	281.4	131.8	61.1	73.1	12.5	2.9
From stripper well leases.....	..do.....	2.4	0.7	0.2	0.1		
Lease condensate.....	..do.....	28.7	10.8	8.5	5.7	3.1	2.1
Natural gas.....	Bil. cu. ft.	4,425.5	1,836.4	1,124.6	1,030.6	391.8	42.0
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>19,061.2</b>	<b>8,112.3</b>	<b>4,548.6</b>	<b>4,792.3</b>	<b>1,435.7</b>	<b>172.3</b>
Crude petroleum and condensate...	..do.....	9,660.9	4,733.0	2,104.0	2,296.5	441.0	86.5
Crude petroleum.....	..do.....	9,660.9	4,236.5	1,807.4	2,099.9	441.0	65.2
Lease condensate.....	..do.....		496.5	296.5	196.6		21.3
Natural gas.....	..do.....	9,279.5	3,323.5	2,410.2	2,484.0	978.9	82.9
Income from oil and gas royalties	..do.....	76.5			6.3	7.1	0.8
Other lease revenues from producing operations.....	..do.....	44.2	55.8	34.4	5.5	8.6	2.0
<b>Expenditures (capitalized and expensed):</b>							
<b>Exploration expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,433.3	1,395.5	719.3	941.1	347.3	30.1
Dry holes.....	..do.....	1,645.9	725.3	388.3	376.6	143.7	12.0
Oil wells.....	..do.....	(D)	175.6	94.4	78.2	26.4	(D)
Gas wells.....	..do.....	(D)	242.0	137.7	284.8	129.7	(D)
Work-in-progress adjustment..	..do.....	601.8	252.5	98.9	201.5	47.5	1.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	6,470.3	3,407.2	1,599.5	831.2	589.9	42.5
Land department leasing and scouting.....	..do.....	20.8	7.5	4.5	5.6	2.9	0.2
Geological and geophysical.....	..do.....	513.9	269.7	110.5	100.2	31.7	1.8
Lease rents.....	..do.....	46.5	23.5	4.1	14.8	3.6	0.5
Test hole contributions.....	..do.....						-
<b>Development expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	2,952.1	1,233.4	577.8	767.4	325.0	48.4
Dry holes.....	..do.....	(D)	120.5	22.3	66.5	29.2	(D)
Oil wells.....	..do.....	880.6	395.5	180.7	250.7	50.4	3.2
Gas wells.....	..do.....	(D)	417.6	299.3	377.0	171.1	(D)
Work-in-progress adjustment..	..do.....	535.7	299.8	75.6	73.3	74.2	12.3
Lease equipment <sup>3</sup> .....	..do.....	1,407.0	720.6	190.4	414.3	75.8	5.9
Lease and land acquisitions of producing acreage.....	..do.....			-			0.3
Fluid injection and improved recovery programs.....	..do.....	(D)	(D)	1.5	(D)	(D)	-
<b>Production expenditures:</b>							
Direct operating expenditures..	..do.....	2,087.1	1,061.5	378.8	493.7	128.9	24.2
Operating and maintenance....	..do.....	1,570.8	775.4	256.2	412.7	104.1	22.4
Well workovers.....	..do.....	389.9	215.5			18.9	1.5
Other direct expenses.....	..do.....	126.4	70.6	122.6	81.0	5.8	0.3
<b>Indirect operating expenditures:</b>							
Ad valorem, production, and severance taxes.....	..do.....	226.9	102.4	31.4	67.1	22.8	3.2
Other indirect expenses including Federal excise taxes..	..do.....	3,315.0	1,869.7	826.8	486.2	107.3	25.0

See footnotes at end of table.



Table 9. Detailed Statistics for the Offshore Lower 48 States for Companies Ranked by Total Lease Revenues: 1980—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 50	Companies 51 to 200	All other companies
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	1,645.9	725.3	388.3	376.6	143.7	12.0
Number of wells.....	Number.....	385	124	67	110	52	31
Total footage drilled.....	Thou. ft....	3,800	1,579	743	968	409	101
Exploration oil wells:							
Expenditures.....	Mil. dol....	(D)	175.6	94.4	78.2	26.4	(D)
Number of wells.....	Number.....	(D)	37	26	19	4	(D)
Total footage drilled.....	Thou. ft....	(D)	487	248	167	48	(D)
Exploration gas wells:							
Expenditures.....	Mil. dol....	(D)	242.0	137.7	284.8	129.7	(D)
Number of wells.....	Number.....	(D)	59	33	62	42	(D)
Total footage drilled.....	Thou. ft....	(D)	722	364	627	289	(D)
Development dry holes:							
Expenditures.....	Mil. dol....	(D)	120.5	22.3	66.5	29.2	(D)
Number of wells.....	Number.....	(D)	29	10	42	22	(D)
Total footage drilled.....	Thou. ft....	(D)	289	95	364	165	(D)
Development oil wells:							
Expenditures.....	Mil. dol....	880.6	395.5	180.7	250.7	50.4	3.2
Number of wells.....	Number.....	619	100	77	143	27	273
Total footage drilled.....	Thou. ft....	3,495	965	596	886	166	882
Development gas wells:							
Expenditures.....	Mil. dol....	(D)	417.6	299.3	377.0	171.1	(D)
Number of wells.....	Number.....	(D)	127	73	84	59	(D)
Total footage drilled.....	Thou. ft....	(D)	1,287	659	743	356	(D)
Expenditures for platforms.....	Mil. dol....	(D)	338.5	278.5	416.9	158.8	(D)
Drilling platforms <sup>2</sup> .....	..do.....	(D)	250.6	227.0	166.1	73.8	(D)
Production platforms <sup>3</sup> .....	..do.....	(D)	87.8	51.5	250.8	85.0	(D)
Gross book value of fixed assets							
(end of year) <sup>4</sup> .....	..do.....	59,214.4	25,398.5	14,216.6	13,186.4	5,610.7	802.1
Oil and gas field properties.....	..do.....	58,829.1	25,174.2	14,173.3	13,070.1	5,609.5	802.1
Buildings, other structures, and machinery.....	..do.....	385.3	224.3	43.4	116.3	1.3	(Z)

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 10. Detailed Statistics for Companies Grouped by Accounting Method and by Legal Form of Organization: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl....	2,441.7	2,092.6	248.2	100.9	2,342.5	45.6	47.4	6.3
From stripper well leases.....	..do.....	313.9	231.5	65.0	17.3	277.9	24.0	11.0	1.0
Lease condensate.....	..do.....	121.1	89.6	26.9	4.6	116.6	2.2	2.3	0.2
Natural gas.....	Bil. cu. ft.	14,477.4	10,720.9	3,157.9	598.6	14,068.8	187.6	182.6	38.4
Lease revenues.....									
Crude petroleum and condensate...	Mil. dol....	108,492.2	88,072.0	15,809.6	4,610.3	104,472.4	1,769.8	1,968.8	280.9
Crude petroleum.....	..do.....	75,255.9	64,445.4	7,739.7	3,070.8	72,234.8	1,271.0	1,566.1	183.8
Lease condensate.....	..do.....	71,428.3	61,503.7	7,007.1	2,917.6	68,525.9	1,203.9	1,522.7	175.8
Natural gas.....	..do.....	3,827.4	2,941.6	732.6	153.3	3,709.0	67.1	43.4	8.1
Income from oil and gas royalties	..do.....	30,248.9	21,392.8	7,492.5	1,363.6	29,386.6	431.2	336.4	94.7
Other lease revenues from producing operations.....	..do.....	2,384.4	1,881.7	434.4	68.3	2,273.8	50.5	57.6	2.5
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	603.0	352.2	143.1	107.6	577.2	17.0	8.7	-
Drilling and equipping wells <sup>1 2</sup>	..do.....	98,635.7	77,634.9	17,883.7	3,117.1	94,329.1	2,108.3	1,877.4	320.9
Dry holes.....	..do.....	30,674.2	22,616.6	7,096.5	961.1	2,279.1	650.6	672.4	130.0
Oil wells.....	..do.....	13,545.7	9,351.6	3,604.4	589.7	12,548.2	503.3	426.0	68.2
Gas wells.....	..do.....	5,844.4	4,150.6	1,521.9	171.8	5,392.2	278.3	141.1	32.7
Work-in-progress adjustment..	..do.....	2,437.3	1,501.4	667.4	268.6	2,158.2	104.0	147.6	27.4
Lease and land acquisitions of nonproducing acreage.....	..do.....	3,390.6	2,386.1	856.9	153.6	3,191.0	111.4	86.3	8.0
Land department leasing and scouting.....	..do.....	1,867.3	1,313.5	558.1	-4.3	1,806.8	9.6	50.9	-
Geological and geophysical....	..do.....	11,188.2	8,669.3	2,279.1	239.8	10,938.6	72.5	132.3	44.8
Lease rents.....	..do.....	376.2	241.8	120.9	13.5	356.0	3.6	8.0	2.6
Test hole contributions.....	..do.....	2,823.0	2,345.4	439.5	38.1	2,767.0	27.8	21.9	6.3
Other exploration expenditures including direct overhead....	..do.....	600.4	397.7	182.0	20.7	578.6	8.7	11.4	1.7
General and administrative overhead, not reported elsewhere.....	..do.....	34.2	28.8	4.2	1.2	33.6	0.2	0.1	0.2
Development expenditures.....									
Drilling and equipping wells <sup>1 2</sup>	..do.....	999.0	819.8	166.3	12.9	971.0	13.2	12.8	2.0
Dry holes.....	..do.....	1,107.5	702.1	300.1	45.3	1,028.2	15.3	59.7	4.1
Oil wells.....	..do.....	25,015.7	17,538.5	6,275.0	1,202.2	23,532.3	909.5	483.9	89.9
Gas wells.....	..do.....	16,107.5	10,749.3	4,523.6	834.6	14,872.6	820.6	357.2	57.0
Work-in-progress adjustment..	..do.....	1,512.8	870.4	489.6	152.8	1,374.7	74.4	60.4	3.4
Lease equipment <sup>3</sup> .....	..do.....	6,209.9	4,289.1	1,579.5	341.3	5,767.7	231.2	172.5	38.5
Lease and land acquisitions of producing acreage.....	..do.....	6,252.2	3,949.7	1,984.7	317.8	5,633.9	498.0	105.2	15.2
Fluid injection and improved recovery programs.....	..do.....	2,132.6	1,640.1	469.8	22.7	2,096.4	17.0	19.2	-
Other development expenditures including direct overhead....	..do.....	4,760.3	3,837.9	754.5	167.9	4,611.2	53.7	85.7	9.7
General and administrative overhead not reported elsewhere.....	..do.....	972.6	487.5	357.0	128.1	933.5	9.9	10.6	18.6
Production expenditures.....									
Direct operating expenditures...	..do.....	1,458.2	1,317.0	133.0	8.2	1,456.2	1.2	0.3	0.5
Operating and maintenance....	..do.....	801.6	573.8	198.1	29.7	785.8	7.3	7.2	1.3
Well workovers.....	..do.....	915.6	573.0	308.8	33.8	873.1	16.8	22.9	2.8
Other direct expenses.....	..do.....	42,945.8	37,407.0	4,585.1	953.8	41,575.7	548.1	721.1	101.0
Indirect operating expenditures..	..do.....	13,505.1	11,133.4	1,957.8	413.9	12,965.2	263.8	238.6	37.4
Ad valorem, production, and severance taxes.....	..do.....	11,006.7	9,115.4	1,568.6	322.7	10,553.1	226.6	196.0	31.1
General and administrative overhead.....	..do.....	1,619.3	1,260.3	287.8	71.2	1,548.6	33.7	33.7	3.4
Other indirect expenses including Federal excise taxes..	..do.....	879.0	757.7	101.3	20.0	863.5	3.6	9.0	3.0
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	29,440.8	26,273.7	2,627.3	539.8	28,610.4	284.3	482.5	63.6
Dry holes.....	..do.....	6,638.6	5,700.7	813.3	124.6	6,387.6	79.6	154.6	16.8
Oil wells.....	..do.....	2,244.8	1,692.5	462.5	89.7	2,159.0	39.0	41.9	4.8
Gas wells.....	..do.....	20,557.5	18,880.5	1,351.5	325.5	20,063.8	165.7	286.0	42.0
Work-in-progress adjustment..	..do.....								
Lease equipment <sup>3</sup> .....	..do.....								
Lease and land acquisitions of producing acreage.....	..do.....								
Fluid injection and improved recovery programs.....	..do.....								
Other development expenditures including direct overhead....	..do.....								
General and administrative overhead not reported elsewhere.....	..do.....								

See footnotes at end of table.

**Table 10. Detailed Statistics for Companies Grouped by Accounting Method and by Legal Form of Organization: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
<b>Gross book value of fixed assets</b>									
(beginning of year).....	Mil. dol....	157,906.8	120,239.7	33,399.4	4,267.7	154,085.5	966.0	2,432.0	423.3
Oil and gas field properties.....	..do.....	154,666.4	117,839.4	32,699.0	4,128.0	151,008.2	887.0	2,353.8	417.5
Nonproducing properties.....	..do.....	26,481.4	16,840.7	8,997.4	643.3	26,042.9	128.4	242.7	67.4
Leaseholds.....	..do.....	22,048.9	16,584.9	4,957.9	506.1	21,650.2	103.7	227.7	67.4
Other pre-development accounts.....	..do.....	4,432.4	255.8	4,039.4	137.2	4,392.7	24.8	15.0	-
Producing properties.....	..do.....	117,347.9	93,236.4	20,729.7	3,381.8	114,400.5	752.2	1,900.7	294.5
Leaseholds.....	..do.....	26,869.4	21,735.8	4,169.7	963.9	26,448.0	169.4	206.8	45.2
Intangible drilling and development accounts.....	..do.....	50,550.9	39,259.3	10,157.2	1,134.4	49,671.2	84.7	655.7	139.2
Lease and well equipment.....	..do.....	39,927.6	32,241.4	6,402.8	1,283.4	38,281.4	498.1	1,038.1	110.0
Work-in-progress.....	..do.....	10,837.2	7,762.2	2,972.1	102.9	10,564.8	6.3	210.5	55.6
Intangible drilling and development accounts.....	..do.....	6,720.4	4,625.9	2,025.3	69.2	6,537.6	1.5	145.9	35.3
Lease and well equipment.....	..do.....	4,116.8	3,136.3	946.8	33.7	4,027.2	4.8	64.6	20.2
Buildings, other structures, and machinery.....	..do.....	3,240.4	2,400.3	700.5	139.6	3,077.3	79.1	78.2	5.8
<b>Capitalized expenditures.....</b>	..do.....	46,386.0	32,336.1	12,597.6	1,452.5	44,920.4	367.8	940.8	157.2
Oil and gas field properties.....	..do.....	44,947.7	31,355.4	12,193.3	1,399.3	43,522.4	348.1	922.4	155.2
Nonproducing properties.....	..do.....	12,892.4	8,954.0	3,564.5	374.0	12,512.5	112.9	221.0	46.0
Leaseholds.....	..do.....	11,570.9	8,791.2	2,439.7	340.0	11,260.7	74.2	191.3	44.7
Other pre-development accounts.....	..do.....	1,321.5	162.8	1,124.7	34.0	1,251.8	38.7	29.7	1.3
Producing properties.....	..do.....	18,853.0	12,671.1	5,363.4	818.5	18,156.9	225.3	459.4	11.4
Leaseholds.....	..do.....	1,360.5	729.9	456.8	173.8	1,314.5	21.4	22.1	2.5
Intangible drilling and development accounts.....	..do.....	10,708.6	7,178.6	3,173.9	356.1	10,436.8	39.7	228.4	3.7
Lease and well equipment.....	..do.....	6,783.8	4,762.6	1,732.7	288.5	6,405.5	164.2	208.9	5.2
Work-in-progress.....	..do.....	13,202.5	9,730.3	3,265.4	206.8	12,853.0	9.8	242.0	97.7
Intangible drilling and development accounts.....	..do.....	8,521.4	5,857.8	2,482.3	181.3	8,242.9	1.8	191.7	85.0
Lease and well equipment.....	..do.....	4,681.2	3,872.4	783.3	25.5	4,610.2	8.0	50.3	12.7
Buildings, other structures, and machinery.....	..do.....	1,438.2	980.7	404.3	53.2	1,398.0	19.8	18.4	2.1
<b>Retirements and dispositions.....</b>	..do.....	7,722.9	6,275.9	1,266.0	181.0	7,353.3	63.6	301.2	5.2
Oil and gas properties.....	..do.....	7,723.7	6,355.5	1,192.3	175.9	7,362.5	56.8	299.7	5.1
Nonproducing properties.....	..do.....	2,584.8	2,059.0	446.1	79.7	2,479.6	28.9	73.0	3.2
Leaseholds.....	..do.....	2,430.9	2,024.8	333.3	72.8	2,341.6	13.2	72.8	3.2
Other pre-development accounts.....	..do.....	153.9	34.2	112.8	6.9	138.0	15.7	0.2	-
Producing properties.....	..do.....	3,093.0	2,613.2	390.8	89.0	2,876.3	26.5	188.4	1.8
Leaseholds.....	..do.....	284.1	185.5	92.7	5.9	270.5	2.1	11.3	(2)
Intangible drilling and development accounts.....	..do.....	1,418.4	1,249.2	146.7	22.5	1,295.7	3.4	118.0	1.2
Lease and well equipment.....	..do.....	1,390.7	1,178.5	151.5	60.7	1,310.1	21.0	59.0	0.6
Work-in-progress.....	..do.....	2,046.0	1,683.3	355.6	7.1	2,006.5	1.4	38.3	-
Intangible drilling and development accounts.....	..do.....	1,395.3	1,114.0	279.0	2.3	1,365.8	0.2	29.6	-
Lease and well equipment.....	..do.....	650.6	569.2	76.6	4.8	640.7	1.2	8.7	-
Buildings, other structures, and machinery.....	..do.....	-0.7	-79.5	73.7	5.1	-9.2	6.8	1.5	0.2
<b>Gross book value of fixed assets</b>									
(end of year).....	..do.....	196,569.7	146,299.9	44,730.8	5,539.1	191,652.6	1,270.2	3,071.6	575.3
Oil and gas field properties.....	..do.....	191,890.4	142,839.2	43,699.8	5,351.4	187,168.1	1,178.1	2,976.5	567.6
Nonproducing properties.....	..do.....	35,546.5	22,592.5	12,028.1	925.9	34,854.1	210.2	374.7	107.5
Leaseholds.....	..do.....	29,726.6	22,229.7	6,779.3	717.6	29,127.7	162.5	330.2	106.1
Other pre-development accounts.....	..do.....	5,819.9	362.7	5,248.9	208.3	5,726.3	47.8	44.5	1.3
Producing properties.....	..do.....	141,148.4	109,236.0	27,652.9	4,259.5	137,488.0	957.5	2,316.2	386.8
Leaseholds.....	..do.....	29,441.1	23,490.7	4,811.3	1,139.1	28,966.7	190.9	233.1	50.5
Intangible drilling and development accounts.....	..do.....	64,398.9	48,437.2	14,375.4	1,586.3	63,209.5	121.9	870.0	197.4
Lease and well equipment.....	..do.....	47,308.5	37,308.1	8,466.3	1,534.1	45,311.8	644.7	1,213.1	138.9
Work-in-progress.....	..do.....	15,195.5	11,010.8	4,018.7	166.0	14,826.1	10.4	285.7	73.4
Intangible drilling and development accounts.....	..do.....	9,278.1	6,307.6	2,849.2	121.3	9,005.2	2.3	205.9	64.7
Lease and well equipment.....	..do.....	5,917.4	4,703.2	1,169.5	44.7	5,820.8	8.1	79.8	8.7
Buildings, other structures, and machinery.....	..do.....	4,679.3	3,460.6	1,031.0	187.7	4,484.5	92.0	95.1	7.7

See footnotes at end of table.

Table 10. Detailed Statistics for Companies Grouped by Accounting Method and by Legal Form of Organization: 1981—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Depletion, depreciation, and amortization of fixed assets:									
Cost during 1981.....	Mil. dol....	13,498.7	9,809.0	3,395.2	294.4	13,141.9	119.7	203.0	34.1
Oil and gas properties.....	..do.....	13,186.4	9,596.4	3,318.3	271.7	12,852.5	110.2	190.9	32.6
Nonproducing properties.....	..do.....	2,661.1	1,896.3	724.9	39.9	2,638.9	2.4	11.7	8.1
Leaseholds.....	..do.....	2,280.6	1,888.1	371.9	20.6	2,266.6	0.2	5.8	8.0
Other pre-development accounts.....	..do.....	380.5	8.2	353.0	19.3	372.3	2.2	6.0	0.1
Producing properties.....	..do.....	10,429.6	7,672.6	2,526.4	230.6	10,125.1	106.7	173.3	24.5
Leaseholds.....	..do.....	2,104.1	1,511.6	552.2	40.3	2,066.0	25.2	10.0	2.9
Intangible drilling and development accounts.....	..do.....	4,899.0	3,513.6	1,292.1	93.3	4,790.7	24.8	72.5	11.1
Lease and well equipment...	..do.....	3,426.5	2,647.4	682.0	97.1	3,268.4	56.7	90.8	10.5
Work-in-progress.....	..do.....	95.6	27.6	66.9	1.1	88.5	1.1	5.9	-
Intangible drilling and development accounts.....	..do.....	72.4	21.2	50.6	0.6	67.7	0.1	4.7	-
Lease and well equipment...	..do.....	23.1	6.3	16.3	0.5	20.8	1.0	1.2	-
Buildings, other structures, and machinery.....	..do.....	312.5	212.6	77.1	22.8	289.4	9.5	12.0	1.5
Accumulated cost, end of 1981....	..do.....	69,866.2	55,614.8	13,068.4	1,182.7	68,325.5	355.1	1,007.9	177.5
Oil and gas field properties...	..do.....	68,519.8	54,616.4	12,787.4	1,115.7	67,059.1	319.2	967.6	173.6
Nonproducing properties.....	..do.....	7,621.4	4,910.2	2,614.8	96.4	7,568.5	2.5	24.4	25.9
Leaseholds.....	..do.....	6,156.4	4,882.2	1,225.0	49.2	6,113.5	0.4	16.7	25.8
Other pre-development accounts.....	..do.....	1,465.0	27.9	1,389.9	47.2	1,455.0	2.2	7.7	.1
Producing properties.....	..do.....	60,534.8	49,648.2	9,871.4	1,015.2	59,143.9	313.1	930.1	147.7
Leaseholds.....	..do.....	11,149.3	8,900.7	2,093.6	155.0	10,960.1	78.9	92.2	18.1
Intangible drilling and development accounts.....	..do.....	27,957.0	22,717.2	6,909.2	330.6	27,503.3	23.0	363.6	67.0
Lease and well equipment...	..do.....	21,428.6	18,030.4	2,868.6	529.6	20,680.5	211.1	474.3	62.6
Work-in-progress.....	..do.....	363.2	58.0	301.1	4.1	346.5	3.6	13.1	-
Intangible drilling and development accounts.....	..do.....	254.7	38.3	213.6	2.8	244.3	0.1	10.3	-
Lease and well equipment...	..do.....	108.5	19.7	87.5	1.3	102.2	3.5	2.7	-
Buildings, other structures, and machinery.....	..do.....	1,346.4	998.4	281.0	67.0	1,266.5	35.8	40.3	3.9
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	5,844.4	4,150.6	1,521.9	171.8	5,392.2	278.3	141.1	32.7
Number of wells.....	Number.....	8,501	4,494	3,077	930	6,519	1,269	654	59
Total footage drilled.....	Thou. ft....	52,715	31,262	16,936	4,517	42,362	6,593	3,472	288
Exploration oil wells:									
Expenditures.....	Mil. dol....	2,437.3	1,501.4	667.4	268.6	2,158.2	104.0	147.6	27.4
Number of wells.....	Number.....	4,471	2,129	1,584	758	3,380	528	515	48
Total footage drilled.....	Thou. ft....	24,528	12,629	8,074	3,825	18,746	2,901	2,575	306
Exploration gas wells:									
Expenditures.....	Mil. dol....	3,396.6	2,386.1	856.9	153.6	3,191.0	111.4	86.3	8.0
Number of wells.....	Number.....	3,010	1,732	1,051	227	2,484	424	99	3
Total footage drilled.....	Thou. ft....	23,019	12,352	9,263	1,404	17,272	4,827	889	31
Development dry holes:									
Expenditures.....	Mil. dol....	1,512.8	870.4	489.6	152.8	1,374.7	74.4	60.4	3.4
Number of wells.....	Number.....	3,976	1,767	1,406	803	3,251	109	602	13
Total footage drilled.....	Thou. ft....	22,176	7,063	11,520	3,593	19,191	770	2,119	96
Development oil wells:									
Expenditures.....	Mil. dol....	6,209.9	4,289.1	1,579.5	341.3	5,767.7	231.2	172.5	38.5
Number of wells.....	Number.....	16,680	10,737	4,594	1,349	15,104	896	546	134
Total footage drilled.....	Thou. ft....	78,406	47,842	23,559	7,005	70,813	4,105	2,802	686
Development gas wells:									
Expenditures.....	Mil. dol....	6,252.2	3,949.7	1,984.7	317.8	5,633.9	498.0	105.2	15.2
Number of wells.....	Number.....	9,686	5,438	3,451	797	8,818	620	245	3
Total footage drilled.....	Thou. ft....	60,958	34,382	19,823	6,753	53,643	5,739	1,540	36
Expenditures for platforms.....	Mil. dol....	1,265.7	895.0	338.7	32.0	1,221.6	4.7	33.4	5.9
Drilling platforms <sup>2</sup> .....	..do.....	743.4	538.4	199.2	5.8	726.8	1.3	9.3	5.9
Production platforms <sup>3</sup> .....	..do.....	522.3	356.6	139.4	26.3	494.8	3.3	24.2	-

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 11. Detailed Statistics for Companies by Lease Classification and by Owner and Nonowner Operated Categories: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Lease classification			Operator	
			Oil leases	Gas leases	Combined leases	Owner operated properties	Nonowner operated properties
<b>Sales volumes:</b>							
Crude petroleum and condensate....	Mil. bbl....	2,441.7	1,696.5	86.7	658.8	1,536.8	905.1
From stripper well leases.....	..do.....	313.8	286.3	1.7	25.8	254.5	59.3
Lease condensate.....	..do.....	121.1	(X)	89.6	31.5	74.6	46.6
Natural gas.....	Bil. cu. ft.	14,477.4	1,455.1	9,743.9	3,278.4	9,548.4	4,928.9
<b>Lease revenues:</b>							
Crude petroleum and condensate....	Mil. dol....	108,491.9	(X)	(X)	(X)	68,760.7	39,731.2
Crude petroleum and condensate....	..do.....	75,255.9	52,963.6	2,791.6	19,500.7	48,637.6	26,618.3
Crude petroleum.....	..do.....	71,428.6	52,963.6	(X)	18,464.8	46,298.4	25,129.1
Lease condensate.....	..do.....	3,827.5	(X)	2,791.6	1,035.9	2,338.3	1,489.2
Natural gas.....	..do.....	30,248.9	2,992.0	21,208.7	6,048.3	19,623.4	10,625.5
Income from oil and gas royalties	..do.....	2,384.4	(X)	(X)	(X)	(X)	2,384.4
Other lease revenues from producing operations.....	..do.....	602.9	(X)	(X)	(X)	499.9	103.1
<b>Expenditures (capitalized and expensed):</b>							
<b>Exploration expenditures:</b>							
Drilling and equipping wells <sup>1 2 3</sup>	..do.....	13,545.6	4,937.5	6,055.6	2,552.5	9,315.2	4,230.4
Dry holes.....	..do.....	5,844.3	2,127.4	2,284.1	1,432.7	4,041.1	1,803.2
Oil wells.....	..do.....	2,437.4	2,201.3	(X)	236.1	1,717.5	719.8
Gas wells.....	..do.....	3,396.6	(X)	3,165.6	231.1	2,273.0	1,123.6
Work-in-progress adjustment..	..do.....	1,867.3	608.8	605.9	652.6	1,283.5	583.8
<b>Development expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	16,107.5	6,729.4	7,521.0	1,857.1	10,195.9	5,911.6
Dry holes.....	..do.....	1,512.8	351.0	923.6	238.3	980.2	532.6
Oil wells.....	..do.....	6,209.9	5,442.7	(X)	767.4	4,472.5	1,737.4
Gas wells.....	..do.....	6,252.2	(X)	5,818.4	433.8	3,534.6	2,717.6
Work-in-progress adjustment..	..do.....	2,132.6	935.8	779.0	417.7	1,208.6	924.0
Lease equipment <sup>4</sup> .....	..do.....	4,760.3	(X)	(X)	(X)	5,594.4	2,398.3
Lease and land acquisitions of producing acreage.....	..do.....	972.6	(X)	(X)	(X)		
Fluid injection and improved recovery programs.....	..do.....	1,458.2	(X)	(X)	(X)		
Other development expenditures including direct overhead....	..do.....	801.6	(X)	(X)	(X)		
<b>Production expenditures:</b>							
Direct operating expenditures..	..do.....	13,505.1	8,315.6	2,265.5	2,924.0	9,789.5	3,715.5
Operating and maintenance....	..do.....	11,094.1	6,785.4	1,788.0	2,520.7	(X)	(X)
Well workovers.....	..do.....	1,531.9	844.7	477.5	403.2	(X)	(X)
Other direct expenses.....	..do.....	879.0	685.5			(X)	(X)
Indirect operating expenditures:							
Ad valorem, production, and severance taxes.....	..do.....	6,638.6	(X)	(X)	(X)	4,113.3	2,525.3
Other indirect expenses including Federal excise taxes	..do.....	20,557.5	(X)	(X)	(X)	13,060.6	7,496.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier years drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>The detail of this table does not add to totals presented for these items since not all expenditures for dry holes and work-in-progress adjustment occur on leases classifiable by commercial presence of oil or gas.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 12. Detailed Statistics for the Onshore Lower 48 States for Companies Grouped by the Percentage of Stripper Well Lease Volumes to the Total Sales Volumes: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0 to 4.9	5.0 to 9.9	10.0 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 39.9	50.0 to 59.9	60.0 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mil. bbl....	1,646.5	212.0	454.6	482.5	275.6	95.4	7.0	20.5	98.9
From stripper well leases.....	..do.....	311.4	1.9	34.4	72.0	67.5	35.1	3.2	13.5	86.3
Lease condensate.....	..do.....	85.4	16.9	21.7	23.8	12.4	4.8			3.3
Natural gas.....	Bil. cu. ft.	9,880.4	1,596.8	2,741.7	2,669.8	1,534.3	519.1	39.2	287.7	472.0
<b>Lease revenues.....</b>	<b>Mil. dol....</b>	<b>77,003.2</b>	<b>10,907.2</b>	<b>21,499.0</b>	<b>21,989.2</b>	<b>12,285.5</b>	<b>4,260.1</b>	<b>352.3</b>	<b>1,597.5</b>	<b>4,112.4</b>
Crude petroleum and condensate...	..do.....	53,390.6	6,431.2	15,129.6	16,098.3	8,898.0	2,972.7	219.4	700.5	2,940.9
Crude petroleum.....	..do.....	50,846.8	6,052.6	14,534.2	15,258.4	8,488.5	2,812.8	219.4	630.8	2,940.9
Lease condensate.....	..do.....	2,543.8	378.6	595.3	839.9	409.4	159.9		69.1	
Natural gas.....	..do.....	20,781.7	3,935.7	5,849.6	5,105.5	2,895.7	1,067.5	105.6	816.7	1,005.4
Income from oil and gas royalties	..do.....	2,307.6	380.7	463.4	729.9	338.8	199.9			98.1
Other lease revenues from producing operations.....	..do.....	523.5	159.6	56.4	55.5	153.0	20.2	27.3	80.3	68.0
<b>Expenditures (capitalized and expensed):</b>										
<b>Exploration expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	9,760.1	2,358.2	2,694.7	1,874.8	1,186.3	437.0	68.0	170.3	970.6
Dry holes.....	..do.....	4,049.9	1,015.1	1,093.7	705.7	525.9	206.0	24.1	56.4	423.1
Oil wells.....	..do.....	2,033.0	518.2	459.7	374.1	240.0	112.1	28.6	34.6	265.7
Gas wells.....	..do.....	2,574.4	582.4	845.4	500.6	287.0	115.3	13.7	75.9	154.1
Work-in-progress adjustment..	..do.....	1,102.9	242.6	295.9	294.5	133.5	3.6	1.7	3.4	127.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	4,706.7	1,186.5	1,049.4	1,109.3	737.8	309.6	18.3	89.3	206.6
Land department leasing and scouting.....	..do.....	351.1	54.2	63.4	125.9	61.6	19.4	2.4	7.7	16.5
Geological and geophysical.....	..do.....	2,044.6	243.4	576.5	561.0	476.1	105.3	2.4	10.6	69.4
Lease rents.....	..do.....	544.2	152.9	122.3	99.5	97.2				
Test hole contributions.....	..do.....	31.8	1.3	19.9	2.6	3.7	22.5	1.0	23.4	29.7
<b>Development expenditures:</b>										
Drilling and equipping wells <sup>1 2</sup>	..do.....	12,367.5	2,499.9	2,489.8	2,543.9	1,901.2	726.7	81.1	595.2	1,530.1
Dry holes.....	..do.....	1,258.8	349.3	248.7	193.0	230.1	97.8	11.5	29.2	99.4
Oil wells.....	..do.....	4,935.2	801.8	1,050.3	1,111.2	776.3	253.9	48.6	171.8	721.3
Gas wells.....	..do.....	4,955.9	1,222.6	877.0	796.5	704.0	278.4	20.0	399.2	658.2
Work-in-progress adjustment..	..do.....	1,218.0	126.3	313.9	443.2	190.7	96.5	1.0	-4.9	51.2
Lease equipment <sup>3</sup> .....	..do.....	2,527.5	384.6	859.6	717.9	270.9	125.7	18.8	37.0	113.1
Lease and land acquisitions of producing acreage.....	..do.....	870.8	178.8	80.7	245.9	140.9	140.7			34.7
Fluid injection and improved recovery programs.....	..do.....	1,101.3	47.1	351.7	480.8	178.6	23.0	8.1	51.2	10.1
<b>Production expenditures:</b>										
Direct operating expenditures..	..do.....	11,016.0	964.7	2,109.1	4,128.9	1,773.4	1,009.1	59.7	156.1	814.8
Operating and maintenance....	..do.....	9,108.0	696.7	1,569.6	3,614.9	1,497.4	886.3	51.9	137.5	653.8
Well workovers.....	..do.....	1,186.8	164.5	327.5	315.5	140.5	93.1	5.8	14.6	125.3
Other direct expenses.....	..do.....	721.2	103.5	212.1	198.5	135.6	30.0	2.1	4.0	35.7
Indirect operating expenditures:										
Ad valorem, production, and severance taxes.....	..do.....	4,794.6	666.0	1,349.0	1,493.8	742.3	222.4	25.4	112.6	183.0
Other indirect expenses including Federal excise taxes	..do.....	14,227.6	1,117.7	5,150.8	4,576.5	2,103.1	766.9	36.1	133.1	343.3

See footnotes at end of table.

**Table 12. Detailed Statistics for the Onshore Lower 48 States for Companies Grouped by the Percentage of Stripper Well Lease Volumes to the Total Sales Volumes: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0 to 4.9	5.0 to 9.9	10.0 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	4,049.9	1,015.1	1,093.7	705.7	525.9	206.0	24.1	56.4	423.1
Number of wells.....	Number.....	8,106	2,310	806	727	1,135	333	180	219	2,396
Total footage drilled.....	Thou. ft....	48,830	15,022	6,801	5,671	7,814	2,204	652	1,040	9,626
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,033.0	518.2	459.7	374.1	240.0	112.1	28.6	34.6	265.7
Number of wells.....	Number.....	4,384	1,002	537	569	401	230	172	101	1,373
Total footage drilled.....	Thou. ft....	23,552	6,407	3,479	3,777	2,682	1,546	658	505	4,498
Exploration gas wells:										
Expenditures.....	Mil. dol....	2,574.4	582.4	845.4	500.6	287.0	115.3	13.7	75.9	154.1
Number of wells.....	Number.....	2,799	996	287	260	238	123	32	326	537
Total footage drilled.....	Thou. ft....	20,983	6,075	3,112	2,539	1,921	909	241	806	5,380
Development dry holes:										
Expenditures.....	Mil. dol....	1,258.8	349.3	248.7	193.0	230.1	97.8	11.5	29.2	99.4
Number of wells.....	Number.....	3,866	1,192	477	380	484	172	43	173	944
Total footage drilled.....	Thou. ft....	21,224	7,978	3,326	2,435	3,157	1,126	225	700	2,277
Development oil wells:										
Expenditures.....	Mil. dol....	4,935.2	801.8	1,050.3	1,111.2	776.3	253.9	48.6	171.8	721.3
Number of wells.....	Number.....	15,926	2,552	2,289	2,778	2,394	1,040	498	695	3,681
Total footage drilled.....	Thou. ft....	73,902	13,681	11,415	13,639	10,823	4,744	1,714	2,320	15,566
Development gas wells:										
Expenditures.....	Mil. dol....	4,955.9	1,222.6	877.0	796.5	704.0	278.4	20.0	399.2	658.2
Number of wells.....	Number.....	9,336	2,803	958	966	1,185	496	71	1,482	1,376
Total footage drilled.....	Thou. ft....	57,802	17,127	7,236	7,165	7,824	3,133	463	5,698	9,156
Expenditures for platforms.....	Mil. dol....	55.5	31.1	-	8.1	(D)	-	0.5	-	(D)
Drilling platforms <sup>2</sup> .....	..do.....	23.5	9.5	-	2.2	(D)	-	0.2	-	(D)
Production platforms <sup>3</sup> .....	..do.....	32.0	21.6	-	5.9	(D)	-	0.3	-	(D)
Gross book value of fixed assets										
(end of year) <sup>4</sup> .....	..do.....	126,945.6	19,356.1	29,959.3	37,157.3	23,668.6	7,920.3	467.0	2,164.6	6,252.3
Oil and gas field properties.....	..do.....	123,172.4	18,834.8	28,954.5	36,401.4	23,049.9	7,686.6	433.1	2,112.3	5,699.8
Buildings, other structures, and machinery.....	..do.....	3,773.1	521.3	1,004.8	755.9	618.7	233.7	33.9	52.4	552.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 13. Detailed Statistics for Companies Grouped by the Percentage of Total Exploration Expenditures to Total Expenditures: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 to 69.9	70.0 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,441.7	68.4	589.4	1,001.6	551.9	140.8	46.0	23.7	20.0
From stripper well leases.....	..do.....	313.9	26.7	57.0	124.2	53.1	30.4	12.0	2.3	8.1
Lease condensate.....	..do.....	121.1	1.1	15.2	50.6	32.1	10.8	5.8	2.2	3.3
Natural gas.....	Bil. cu. ft.	14,477.4	186.4	2,039.9	5,334.3	3,850.4	1,824.4	782.1	192.6	267.4
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	108,492.2	2,213.5	21,388.3	42,360.4	27,741.3	8,703.6	3,513.5	1,152.4	1,418.9
Crude petroleum.....	..do.....	75,255.9	1,812.2	16,957.2	30,913.7	18,268.9	4,564.4	1,575.7	618.1	545.7
Crude petroleum.....	..do.....	71,428.3	1,781.3	16,440.4	29,279.3	17,320.7	4,224.0	1,383.8	557.0	441.9
Lease condensate.....	..do.....	3,827.4	30.9	516.9	1,634.4	948.1	340.4	191.9	61.1	103.7
Natural gas.....	..do.....	30,248.9	349.6	3,918.8	10,591.8	8,372.4	3,840.2	1,836.9	506.6	832.5
Income from oil and gas royalties	..do.....	2,384.4	31.3	308.5	731.5	962.2	209.9	85.8	23.4	31.7
Other lease revenues from producing operations.....	..do.....	603.0	20.4	203.8	123.4	137.8	89.1	15.1	4.2	9.0
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	98,635.7	1,430.0	17,312.2	35,800.2	25,017.0	9,918.6	4,616.1	1,778.1	2,763.5
Drilling and equipping wells <sup>1 2</sup>	..do.....	30,674.2	-	2,508.6	9,317.2	8,584.0	4,449.5	2,491.2	1,144.6	2,179.0
Dry holes.....	..do.....	13,545.7	-	982.1	3,339.1	4,062.0	2,082.8	1,418.4	403.8	1,257.5
Oil wells.....	..do.....	5,844.4	-	409.2	1,684.5	1,758.4	749.7	521.7	172.9	548.0
Gas wells.....	..do.....	2,437.3	-	146.2	465.2	675.9	399.7	346.3	101.4	302.6
Work-in-progress adjustment.....	..do.....	3,396.6	-	264.0	742.3	1,037.7	596.4	382.3	77.2	296.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,867.3	-	162.5	447.0	590.0	337.1	168.2	52.3	110.2
Land department leasing and scouting.....	..do.....	11,188.2	-	861.1	3,820.1	2,893.4	1,632.6	727.5	526.4	727.0
Geological and geophysical.....	..do.....	376.2	-	34.2	125.6	119.9	45.5	22.9	9.9	18.2
Lease rents.....	..do.....	2,823.0	-	312.7	1,253.2	763.8	242.3	117.8	51.3	82.0
Test hole contributions.....	..do.....	600.4	-	71.8	174.3	147.9	72.7	48.3	67.7	17.7
Other exploration expenditures including direct overhead.....	..do.....	34.2	-	113.7	257.7	8.5	3.4	0.1	0.2	2.0
General and administrative overhead, not reported elsewhere.....	..do.....	999.0	-	-	286.8	256.4	62.7	22.5	19.2	-
Development expenditures.....	..do.....	1,107.5	-	133.0	347.2	301.7	113.8	93.6	62.8	55.3
Drilling and equipping wells <sup>1 2</sup>	..do.....	25,015.7	620.1	5,340.2	9,116.9	5,622.3	2,525.3	1,183.2	295.4	312.2
Dry holes.....	..do.....	16,107.5	397.9	3,558.1	5,775.0	3,378.5	1,641.9	916.4	211.0	228.8
Oil wells.....	..do.....	1,512.8	43.5	262.7	452.4	354.2	233.5	111.9	25.1	29.5
Gas wells.....	..do.....	6,209.9	244.6	1,496.9	2,103.9	1,395.7	500.8	339.5	62.6	65.9
Work-in-progress adjustment.....	..do.....	6,252.2	148.0	1,567.7	1,967.1	1,216.6	807.0	344.3	93.4	108.2
Lease equipment <sup>3</sup> .....	..do.....	2,132.6	-38.2	230.8	1,251.6	412.0	100.7	120.7	29.8	25.2
Lease and land acquisitions of producing acreage.....	..do.....	4,760.3	107.5	932.1	1,680.9	1,299.5	489.3	133.0	54.8	63.1
Fluid injection and improved recovery programs.....	..do.....	972.6	57.5	115.1	302.0	273.5	173.7	67.3	5.4	9.0
Other development expenditures including direct overhead.....	..do.....	1,458.2	332.4	633.7	383.3	76.4	0.2	1.3	-	-
General and administrative overhead, not reported elsewhere.....	..do.....	801.6	34.1	160.6	429.5	82.1	68.5	19.9	5.6	1.5
Production expenditures.....	..do.....	915.6	23.2	242.0	295.9	205.5	75.6	46.6	18.3	8.5
Direct operating expenditures.....	..do.....	42,945.8	809.9	9,463.4	17,366.1	10,810.6	2,943.8	941.7	338.1	272.3
Operating and maintenance.....	..do.....	13,505.1	453.2	3,209.5	4,866.4	3,359.6	960.1	371.6	141.0	143.7
Well workovers.....	..do.....	11,006.7	393.2	2,823.8	3,988.4	2,490.0	749.5	318.0	125.0	119.0
Other direct expenses.....	..do.....	1,619.3	31.6	261.8	608.3	471.6	165.8	47.5	13.0	19.7
Indirect operating expenditures	..do.....	879.0	28.4	123.9	269.7	398.0	44.8	6.2	3.0	5.0
Ad valorem, production, and severance taxes.....	..do.....	29,440.8	356.7	6,253.8	12,499.7	7,451.1	1,983.7	570.0	197.0	128.6
General and administrative overhead.....	..do.....	6,638.6	83.0	1,689.6	2,602.4	1,474.7	511.1	153.4	59.3	65.1
Other indirect expenses including Federal excise taxes.....	..do.....	2,244.8	96.9	594.4	742.5	403.9	264.9	90.5	30.5	21.1
	..do.....	20,557.5	176.9	3,969.8	9,154.9	5,572.5	1,207.6	326.2	107.3	42.4

See footnotes at end of table.



**Table 13. Detailed Statistics for Companies Grouped by the Percentage of Total Exploration Expenditures to Total Expenditures: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 to 69.9	70.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	5,844.4	-	409.2	1,684.5	1,758.4	749.7	521.7	172.9	548.0
Number of wells.....	Number.....	8,501	-	1,016	1,540	1,758	1,257	1,149	721	1,058
Total footage drilled.....	Thou. ft....	52,715	-	4,891	10,057	11,611	8,490	6,270	3,757	7,639
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,437.3	-	146.2	465.2	675.9	399.7	346.3	101.4	302.6
Number of wells.....	Number.....	4,471	-	436	607	923	931	616	345	613
Total footage drilled.....	Thou. ft....	24,528	-	1,976	3,712	6,160	4,355	3,635	1,292	3,398
Exploration gas wells:										
Expenditures.....	Mil. dol....	3,396.6	-	264.0	742.3	1,037.7	596.4	382.3	77.2	296.7
Number of wells.....	Number.....	3,010	-	520	372	519	371	301	150	778
Total footage drilled.....	Thou. ft....	23,019	-	2,396	3,457	4,683	3,065	2,179	753	6,486
Development dry holes:										
Expenditures.....	Mil. dol....	1,512.8	43.5	262.7	452.4	354.2	233.5	111.9	25.1	29.5
Number of wells.....	Number.....	3,976	458	844	1,130	510	526	274	168	65
Total footage drilled.....	Thou. ft....	22,176	2,063	4,649	5,573	3,409	3,436	1,897	713	436
Development oil wells:										
Expenditures.....	Mil. dol....	6,209.9	244.6	1,496.9	2,103.9	1,395.7	500.8	339.5	62.6	65.9
Number of wells.....	Number.....	16,680	1,688	4,992	4,555	3,079	1,168	698	342	159
Total footage drilled.....	Thou. ft....	78,406	6,717	22,935	20,050	15,232	6,856	4,210	1,251	1,155
Development gas wells:										
Expenditures.....	Mil. dol....	6,252.2	148.0	1,567.7	1,967.1	1,216.6	807.0	344.3	93.4	108.2
Number of wells.....	Number.....	9,686	1,013	3,574	1,661	1,621	1,013	472	220	111
Total footage drilled.....	Thou. ft....	60,958	4,254	20,556	13,168	11,150	6,901	2,931	1,215	783
Expenditures for platforms.....	Mil. dol....	1,265.7	(D)	(D)	463.7	320.7	(D)	100.9	44.9	66.8
Drilling platforms <sup>2</sup> .....	..do.....	743.4	(D)	(D)	367.4	142.3	(D)	60.3	21.5	28.7
Production platforms <sup>3</sup> .....	..do.....	522.3	0.5	25.7	96.3	178.4	119.4	40.6	23.4	38.1
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	157,906.8	1,708.7	24,090.5	61,216.2	41,720.0	16,677.4	7,719.1	2,770.8	2,004.0
Buildings, other structures, and machinery.....	..do.....	154,666.4	1,440.1	23,605.3	59,894.2	41,110.9	16,327.2	7,605.0	2,721.9	1,961.8
Capitalized expenditures.....	..do.....	3,240.4	268.6	485.2	1,322.0	609.1	350.2	114.1	48.9	42.2
Oil and gas field properties.....	..do.....	46,386.0	435.4	6,139.2	15,191.1	11,885.4	6,355.3	3,439.6	1,212.0	1,728.1
Buildings, other structures, and machinery.....	..do.....	44,947.7	393.2	5,911.0	14,617.1	11,615.4	6,199.7	3,350.3	1,188.6	1,672.7
Retirement and dispositions.....	..do.....	1,438.2	42.2	228.2	574.0	269.9	155.6	89.3	23.5	55.4
Oil and gas field properties.....	..do.....	7,722.9	40.3	2,147.0	2,440.4	1,569.9	718.9	378.7	135.4	292.6
Buildings, other structures, and machinery.....	..do.....	7,723.7	33.4	2,106.3	2,440.4	1,569.9	784.7	372.7	132.1	289.1
Gross book value of fixed assets (end of year).....	..do.....	-0.7	6.9	40.7			-65.8	6.0	3.3	3.5
Oil and gas field properties.....	..do.....	196,569.7	2,103.8	28,082.7	73,966.9	52,035.5	22,313.9	10,780.0	3,847.5	3,439.5
Buildings, other structures, and machinery.....	..do.....	191,890.4	1,799.9	27,410.0	72,031.3	51,200.6	21,742.2	10,582.7	3,778.3	3,345.4
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	304.0	672.7	1,935.5	834.8	571.7	197.4	69.1	94.1
Oil and gas field properties.....	..do.....	13,498.7	109.0	1,938.4	4,915.6	3,466.2	1,574.6	881.7	261.5	351.7
Buildings, other structures, and machinery.....	..do.....	13,186.4	97.3	1,889.1	4,783.3	3,406.5	1,539.3	870.1	256.2	344.3
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	11.7	49.3	132.3	59.7	35.3	11.6	5.3	7.3
Oil and gas field properties.....	..do.....	69,866.2	568.5	9,228.7	28,386.4	19,624.8	7,177.1	2,950.5	1,181.3	748.8
Buildings, other structures, and machinery.....	..do.....	68,519.8	514.2	9,019.9	27,780.4	19,376.7	7,027.8	2,910.0	1,163.0	727.6
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	1,346.4	54.3	208.8	606.0	248.0	149.3	40.5	18.3	21.2

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 14. Detailed Statistics for Companies Grouped by the Percentage of Total Development Expenditures to Total Expenditures: 1981

(Net company interest basis)

Item	Unit of measure	United States, Total	Company statistics grouped by selected size-class							
			0.0	0.1 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 to 69.9	70.0 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,441.7	35.2	742.3	1,391.8	97.8	47.6	102.1	10.5	14.5
From stripper well leases.....	..do.....	313.9	27.9	97.4	136.7	15.3	13.1	12.4	1.6	9.4
Lease condensate.....	..do.....	121.1	2.1	36.6	55.1	10.5	10.9	3.4	1.5	1.0
Natural gas.....	Bil. cu. ft.	14,477.4	117.5	4,858.1	6,502.8	1,330.1	656.9	602.0	229.5	180.5
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	108,492.2	1,336.5	34,414.8	56,638.5	6,176.6	3,376.6	4,886.3	884.2	778.6
Crude petroleum and condensate...	..do.....	75,255.9	1,013.5	24,510.3	41,268.5	3,147.5	1,568.3	3,073.8	291.5	382.6
Crude petroleum.....	..do.....	71,428.3	962.3	23,258.8	39,467.9	2,807.7	1,372.4	2,965.3	241.5	352.5
Lease condensate.....	..do.....	3,827.4	51.1	1,251.5	1,800.6	339.8	196.0	108.5	50.0	30.0
Natural gas.....	..do.....	30,248.9	279.2	8,989.9	13,994.4	2,856.1	1,661.1	1,565.4	577.9	325.0
Income from oil and gas royalties	..do.....	2,384.4	31.0	768.5	1,182.6	128.6	89.7			31.7
Other lease revenues from pro- ducing operations.....	..do.....	603.0	12.8	146.1	193.0	44.5	57.5	247.1	14.8	39.3
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	98,635.7	1,144.0	31,157.7	48,335.1	7,312.4	4,152.9	2,890.5	1,225.5	2,417.6
Drilling and equipping wells <sup>1 2</sup>	..do.....	30,674.2	622.4	10,589.8	14,353.4	2,861.6	1,366.4	506.9	250.4	123.2
Dry holes.....	..do.....	13,545.7	510.9	4,869.2	5,676.4	1,444.6	684.1	222.8	79.1	58.5
Oil wells.....	..do.....	5,844.4	219.5	1,793.7	2,756.2	659.1	301.9	83.5	20.5	9.9
Gas wells.....	..do.....	2,437.3	212.9	955.0	777.2	273.1	138.2	63.1	9.3	8.6
Work-in-progress adjustment.....	..do.....	3,396.6	75.5	1,220.2	1,412.4	377.1	186.6	72.6	19.3	33.0
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,867.3	3.0	900.3	730.6	135.3	57.4	3.7	30.0	7.0
Land department leasing and scouting.....	..do.....	11,188.2	78.3	3,639.1	5,883.7	869.3	352.1	205.3	125.8	34.5
Geological and geophysical.....	..do.....	376.2	7.9	114.9	135.8	62.9	37.8	4.0	9.0	3.9
Lease rents.....	..do.....	2,823.0	8.0	945.8	1,535.7	234.4	57.5	20.1	16.6	4.9
Test hole contributions.....	..do.....	600.4	5.1	208.0	246.0	69.5	34.5	23.0	10.5	3.7
Other exploration expenditures including direct overhead.....	..do.....	34.2	1.7	9.7	19.0	2.1	1.1	0.5		
General and administrative overhead, not reported elsewhere.....	..do.....	999.0	3.7	436.0	376.0	68.9	94.0	10.7	6.5	3.4
Development expenditures.....	..do.....	1,107.5	6.6	367.2	481.0	109.9	105.2	20.6	2.8	14.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	25,015.7	-	4,612.0	11,510.0	2,585.8	1,822.9	1,601.8	779.1	2,104.0
Dry holes.....	..do.....	16,107.5	-	2,493.3	6,947.3	1,918.1	1,297.9	1,182.6	647.6	1,620.6
Oil wells.....	..do.....	1,512.8	-	233.5	540.5	231.1	223.4	86.3	59.5	138.6
Gas wells.....	..do.....	6,209.9	-	1,149.5	2,771.5	638.8	477.1	411.0	115.5	646.5
Work-in-progress adjustment.....	..do.....	6,252.2	-	838.8	2,215.1	828.0	544.6	749.9	250.6	825.2
Lease equipment <sup>3</sup> .....	..do.....	2,132.6	-	271.6	1,420.2	220.3	52.8	-64.6	222.0	10.3
Lease and land acquisitions of producing acreage.....	..do.....	4,760.3	-	1,249.8	2,574.6	327.6	279.2	153.5	44.9	130.7
Fluid injection and improved recovery programs.....	..do.....	972.6	-	129.3	308.1	132.3	112.1	136.9	24.4	129.5
Other development expenditures including direct overhead.....	..do.....	1,458.2	-	421.7	904.6	51.8	21.6	49.3	46.9	81.1
General and administrative overhead not reported elsewhere.....	..do.....	801.6	-	124.0	421.4	74.0	26.3	37.2		
Production expenditures.....	..do.....	915.6	-	194.1	354.0	82.1	85.8	42.3	15.4	142.0
Direct operating expenditures.....	..do.....	42,945.8	521.6	15,955.8	22,471.7	1,865.0	963.5	781.8	196.0	190.4
Operating and maintenance.....	..do.....	13,505.1	311.9	5,465.9	6,166.7	654.5	394.4	314.4	81.4	115.8
Well workovers.....	..do.....	11,006.7	262.2	4,512.1	4,967.8	546.9	318.6	254.5	58.8	85.7
Other direct expenses.....	..do.....	1,619.3	35.7	649.3	736.9	84.5	44.9	35.7	20.6	11.7
Indirect operating expenditures.....	..do.....	879.0	14.0	304.5	462.0	23.1	30.9	24.2	1.9	18.4
Ad valorem, production, and severance taxes.....	..do.....	29,440.8	209.7	10,489.9	16,305.0	1,210.5	569.1	467.3	114.6	74.6
General and administrative overhead.....	..do.....	6,638.6	54.4	2,073.7	3,705.1	351.6	176.7	209.7	54.1	13.4
Other indirect expenses including Federal excise taxes.....	..do.....	2,244.8	62.8	815.0	1,040.8	134.0	69.8	74.8	15.1	32.3
	..do.....	20,557.5	92.5	7,601.2	11,559.1	724.8	322.7	182.9	45.4	28.9

See footnotes at end of table.

**Table 14. Detailed Statistics for Companies Grouped by the Percentage of Total Development Expenditures to Total Expenditures: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 to 69.9	70.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	5,844.4	219.5	1,793.7	2,756.2	659.1	301.9	83.5	20.5	9.9
Number of wells.....	Number.....	8,501	1,015	2,479	2,072	1,076	1,140	319	89	309
Total footage drilled.....	Thou. ft....	52,715	6,008	15,686	14,932	6,908	6,049	1,717	525	890
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,437.3	212.9	955.0	777.2	273.1	138.2	63.1	9.3	8.6
Number of wells.....	Number.....	4,471	939	1,351	1,014	485	319	162	25	176
Total footage drilled.....	Thou. ft....	24,528	3,527	8,112	6,016	2,559	2,227	764	163	1,160
Exploration gas wells:										
Expenditures.....	Mil. dol....	3,396.6	75.5	1,220.2	1,412.4	377.1	186.6	72.6	19.3	33.0
Number of wells.....	Number.....	3,010	505	992	640	222	163	330	40	119
Total footage drilled.....	Thou. ft....	23,019	4,976	7,355	5,640	1,870	1,382	803	279	714
Development dry holes:										
Expenditures.....	Mil. dol....	1,512.8	-	233.5	540.5	231.1	223.4	86.3	59.5	138.6
Number of wells.....	Number.....	3,976	-	494	853	508	706	567	213	635
Total footage drilled.....	Thou. ft....	22,176	-	2,724	5,589	3,333	3,414	3,518	1,311	3,287
Development oil wells:										
Expenditures.....	Mil. dol....	6,209.9	-	1,149.5	2,771.5	638.8	477.1	411.0	115.5	646.5
Number of wells.....	Number.....	16,680	-	2,867	5,970	1,509	1,887	1,329	749	2,369
Total footage drilled.....	Thou. ft....	78,406	-	13,076	26,119	8,431	8,542	6,294	2,719	13,225
Development gas wells:										
Expenditures.....	Mil. dol....	6,252.2	-	838.8	2,215.1	828.0	544.6	749.9	250.6	825.2
Number of wells.....	Number.....	9,686	-	785	2,148	1,041	1,084	2,091	497	2,039
Total footage drilled.....	Thou. ft....	60,958	-	6,014	15,063	7,006	6,553	8,255	3,180	14,887
Expenditures for platforms.....	Mil. dol....	1,265.7	0.9	322.8	704.9	125.5	111.6			
Drilling platforms <sup>2</sup> .....	..do.....	743.4	0.9	194.3	420.8	54.1	73.2			
Production platforms <sup>3</sup> .....	..do.....	522.3	-	128.5	284.1	71.4	38.3			
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	157,906.8	848.1	49,957.1	78,250.7	14,059.9	6,683.8	5,018.5	1,873.7	1,215.1
Buildings, other structures, and machinery.....	..do.....	154,666.4	753.4	49,237.1	76,824.2	13,774.3	6,414.4	4,726.5	1,823.9	1,112.8
Capitalized expenditures.....	..do.....	3,240.4	94.7	720.0	1,426.4	285.6	269.5	292.0	49.8	102.3
Oil and gas field properties.....	..do.....	46,386.0	196.8	12,250.3	22,446.5	4,842.7	3,017.6	1,670.3	1,017.8	944.0
Buildings, other structures, and machinery.....	..do.....	44,947.7	176.3	11,928.5	21,763.4	4,688.4	2,896.9	1,605.0	992.3	897.1
Retirement and dispositions.....	..do.....	1,438.2	20.5	321.8	683.1	154.3	120.8	65.3	25.5	46.9
Oil and gas field properties.....	..do.....	7,722.9	25.1	3,091.2	3,229.9	449.9	512.6	202.0	137.1	75.1
Buildings, other structures, and machinery.....	..do.....	7,723.7	25.1	3,091.2	3,229.9	449.9	468.5	192.1	130.2	69.7
	..do.....	-0.7					44.1	9.9	7.0	5.3
Gross book value of fixed assets (end of year).....										
Oil and gas field properties.....	..do.....	196,569.7	1,019.7	59,116.2	97,467.2	18,452.7	9,188.9	6,486.7	2,754.4	2,084.0
Buildings, other structures, and machinery.....	..do.....	191,890.4	909.2	58,105.2	95,243.5	18,024.3	8,842.8	6,139.4	2,686.0	1,940.2
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	110.5	1,011.0	2,223.8	428.4	346.1	347.3	68.4	143.8
Oil and gas field properties.....	..do.....	13,498.7	68.4	4,137.7	6,640.0	1,410.9	622.8	343.6	156.1	119.1
Buildings, other structures, and machinery.....	..do.....	13,186.4	55.9	4,063.8	6,507.5	1,382.1	594.3	327.1	149.1	106.4
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	12.6	73.9	132.5	28.8	28.5	16.5	7.0	12.7
Oil and gas field properties.....	..do.....	69,865.2	357.9	24,754.3	34,036.0	6,180.5	2,269.2	1,474.9	433.5	309.7
Buildings, other structures, and machinery.....	..do.....	68,519.8	310.6	24,396.5	33,470.6	6,061.3	2,172.1	1,427.4	410.2	270.9
	..do.....	1,346.4	47.3	357.8	615.4	119.1	97.1	47.5	23.3	38.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 15. Detailed Statistics for Companies Grouped by the Percentage of Total Production Expenditures to Total Expenditures: 1981

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0 to 14.9	15.0 to 24.9	25.0 to 29.9	30.0 to 34.9	35.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,417.1	41.8	79.3	69.2	48.1	145.0	682.3	871.4	504.7
From stripper well leases.....	..do.....	313.9	8.5	17.0	17.4	14.0	21.5	61.4	124.3	49.8
Lease condensate.....	..do.....	121.1	8.1	8.2	10.3	5.4	9.2	27.7	42.0	10.2
Natural gas.....	Bil. cu. ft.	14,477.4	1,018.0	1,311.8	937.7	555.8	1,364.1	3,781.5	4,262.1	1,246.4
Lease revenues.....	Mil. dol....	108,492.2	4,001.6	5,879.4	4,692.7	3,221.8	8,192.6	29,102.4	37,011.2	16,390.4
Crude petroleum and condensate...	..do.....	75,255.9	1,311.2	2,525.2	2,162.1	1,548.5	4,728.7	20,952.7	27,843.9	14,183.6
Crude petroleum.....	..do.....	71,428.3	1,042.6	2,233.5	1,986.4	1,392.9	4,426.1	20,060.4	26,435.7	13,850.8
Lease condensate.....	..do.....	3,827.4	268.6	291.7	175.7	155.6	302.5	892.3	1,408.2	332.8
Natural gas.....	..do.....	30,248.9	2,559.0	3,053.4	2,404.3	1,517.6	2,829.0	7,523.8	8,372.7	1,989.1
Income from oil and gas royalties	..do.....	2,384.4	85.3	244.1	91.8	162.3	522.2	465.4	668.9	164.4
Other lease revenues from producing operations.....	..do.....	603.0	46.1	56.7	34.5	13.3	112.8	160.5	125.6	53.3
Expenditures (capitalized and expensed).....	..do.....	98,635.7	9,392.5	7,564.4	4,707.3	2,897.8	6,477.7	24,793.7	30,170.3	12,632.2
Exploration expenditures.....	..do.....	30,674.2	4,348.3	3,161.0	2,046.5	899.1	1,776.5	8,430.4	7,969.1	2,043.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	13,545.7	2,064.5	1,633.4	1,161.9	453.5	982.3	3,037.5	3,476.1	736.5
Dry holes.....	..do.....	5,844.4	772.3	754.7	428.1	159.1	476.6	1,493.2	1,470.5	290.0
Oil wells.....	..do.....	2,437.3	509.2	296.4	223.0	157.7	171.9	455.9	498.4	124.9
Gas wells.....	..do.....	3,396.6	517.1	409.7	415.0	125.7	217.3	750.9	961.0	
Work-in-progress adjustment..	..do.....	1,867.3	266.1	172.6	95.8	11.0	116.5	337.5	867.8	
Lease and land acquisitions of nonproducing acreage.....	..do.....	11,188.2	1,669.6	992.1	564.5	256.5	319.1	4,121.5	2,497.0	768.1
Land department leasing and scouting.....	..do.....	376.2	45.4	55.0	23.8	35.3	17.8	(D)	91.0	(D)
Geological and geophysical.....	..do.....	2,823.0	188.8	171.4	112.9	51.3	172.7	781.1	1,029.0	315.7
Lease rents.....	..do.....	600.4	76.9	100.4	37.7	32.0	52.0	114.7	155.7	31.0
Test hole contributions.....	..do.....	34.2	2.4	1.5	0.7	0.2	1.5	(D)	11.6	(D)
Other exploration expenditures including direct overhead.....	..do.....	999.0	128.9	82.3	64.5	16.7	142.9	(D)	317.2	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	1,107.5	171.7	124.9	80.6	53.6	88.2	98.0	391.5	99.1
Development expenditures.....	..do.....	25,015.7	4,192.3	2,891.2	1,373.0	1,074.0	1,860.0	5,469.8	6,105.1	2,050.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	16,107.5	3,156.2	2,167.3	941.9	869.2	1,201.6	3,451.1	3,485.5	834.7
Dry holes.....	..do.....	1,512.8	358.6	301.1	84.1	63.4	59.6	325.2	260.7	60.0
Oil wells.....	..do.....	6,209.9	949.0	768.0	352.5	314.4	384.9	1,539.1	1,437.7	464.3
Gas wells.....	..do.....	6,252.2	1,535.8	958.0	398.7	482.5	477.0	1,192.2	1,040.2	167.8
Work-in-progress adjustment.....	..do.....	2,132.6	312.8	140.2	106.5	8.9	280.1	394.6	746.9	142.6
Lease equipment <sup>3</sup> .....	..do.....	4,760.3	414.0	343.6	226.8	86.5	313.9	1,126.2	1,553.4	695.9
Lease and land acquisitions of producing acreage.....	..do.....	972.6	247.1	187.6	112.0	56.3	131.8	53.5	(D)	(D)
Fluid injection and improved recovery programs.....	..do.....	1,458.2	24.3	28.0	11.9	14.5	122.4	558.3	377.7	321.1
Other development expenditures including direct overhead.....	..do.....	801.6	136.2	64.8	36.6	10.5	15.3	206.8	(D)	(D)
General and administrative overhead not reported elsewhere.....	..do.....	915.6	214.4	99.8	43.9	37.0	75.0	73.9	(D)	(D)
Production expenditures.....	..do.....	42,945.8	851.9	1,512.2	1,287.5	924.7	2,841.2	10,893.5	16,096.2	8,538.7
Direct operating expenditures.....	..do.....	13,505.1	361.3	535.0	525.0	373.1	978.5	3,048.2	4,885.3	2,797.7
Operating and maintenance.....	..do.....	11,006.7	276.6	439.4	455.3	319.6	818.3	2,239.4	3,926.7	2,531.4
Well workovers.....	..do.....	1,619.3	57.2	73.4	53.8	36.7	127.9	484.1	581.5	204.7
Other direct expenses.....	..do.....	879.0	27.5	22.1	16.9	16.8	32.3	324.7	377.0	61.6
Indirect operating expenditures..	..do.....	29,440.8	490.6	977.2	761.5	551.5	1,862.6	7,845.3	11,210.9	5,741.1
Ad valorem, production, and severance taxes.....	..do.....	6,638.6	189.1	350.3	227.9	202.1	423.5	1,550.4	2,203.4	1,492.0
General and administrative overhead.....	..do.....	2,244.8	106.3	143.9	56.2	65.7	160.3	399.8	888.8	423.8
Other indirect expenses including Federal excise taxes..	..do.....	20,557.5	195.2	483.1	477.5	283.8	1,278.8	5,895.1	8,118.8	3,825.3

See footnotes at end of table.

**Table 15. Detailed Statistics for Companies Grouped by the Percentage of Total Production Expenditures to Total Expenditures: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0 to 14.9	15.0 to 24.9	25.0 to 29.9	30.0 to 34.9	35.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	5,844.4	772.3	754.7	428.1	159.1	476.6	1,493.2	1,470.5	290.0
Number of wells.....	Number.....	8,501	1,873	1,185	815	841	549	1,451	1,364	421
Total footage drilled.....	Thou. ft....	52,715	11,732	7,326	5,701	4,638	3,440	8,439	8,667	2,772
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,437.3	509.2	296.4	223.0	157.7	171.9	455.9	498.4	124.9
Number of wells.....	Number.....	4,471	1,245	512	300	266	257	510	1,062	318
Total footage drilled.....	Thou. ft....	24,528	7,012	3,036	1,740	1,517	1,838	3,131	4,814	1,440
Exploration gas wells:										
Expenditures.....	Mil. dol....	3,396.5	517.1	409.7	414.0	125.7	217.3	750.9	961.0	
Number of wells.....	Number.....	3,010	740	415	490	357	148	395	465	
Total footage drilled.....	Thou. ft....	23,019	4,587	2,589	5,300	1,224	1,302	3,445	4,572	
Development dry holes:										
Expenditures.....	Mil. dol....	1,512.8	358.6	301.1	84.1	63.4	59.6	325.2	260.7	60.0
Number of wells.....	Number.....	3,976	1,301	575	265	208	648	428	403	148
Total footage drilled.....	Thou. ft....	22,176	7,981	3,304	1,152	959	2,670	2,875	2,377	858
Development oil wells:										
Expenditures.....	Mil. dol....	6,209.9	949.0	768.0	352.5	314.4	384.9	1,539.1	1,437.7	464.3
Number of wells.....	Number.....	16,680	3,137	1,881	823	1,275	1,130	2,998	4,114	1,323
Total footage drilled.....	Thou. ft....	78,406	18,252	10,545	4,359	5,183	6,088	13,538	14,848	5,593
Development gas wells:										
Expenditures.....	Mil. dol....	6,252.2	1,535.8	958.0	398.7	482.5	477.0	1,192.2	1,040.2	167.8
Number of wells.....	Number.....	9,686	3,371	1,295	616	1,445	656	995	953	355
Total footage drilled.....	Thou. ft....	60,958	23,018	8,111	4,243	5,753	4,288	6,883	6,775	1,887
Expenditures for platforms.....	Mil. dol....	1,265.7	191.7	190.0	65.0	4.2	138.1	314.1	306.5	56.0
Drilling platforms <sup>2</sup> .....	..do.....	743.4	105.7	95.1	17.5	1.5	138.1	173.0	264.1	56.0
Production platforms <sup>3</sup> .....	..do.....	522.3	86.0	94.9	47.5	2.8		141.1	42.4	
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	157,906.8	10,170.2	13,425.5	8,083.9	4,582.4	14,130.2	36,939.8	54,910.2	15,664.5
Buildings, other structures, and machinery.....	..do.....	154,666.4	9,941.7	13,099.7	7,874.1	4,404.9	13,959.6	36,311.4	53,780.3	15,294.7
Capitalized expenditures.....	..do.....	3,240.4	228.6	325.8	209.8	177.5	170.6	628.4	1,129.9	369.7
Oil and gas field properties.....	..do.....	46,386.0	6,383.9	5,884.0	2,982.1	1,410.5	4,314.5	10,502.6	11,231.8	3,676.8
Buildings, other structures, and machinery.....	..do.....	44,947.7	6,226.1	5,623.8	2,943.5	1,382.2	4,249.0	10,356.8	10,656.6	3,509.9
Retirement and dispositions.....	..do.....	1,438.2	157.8	260.1	38.6	28.3	65.5	145.8	575.2	166.9
Oil and gas field properties.....	..do.....	7,722.9	883.6	671.0	417.6	170.1	515.0	1,623.7	3,442.1	
Buildings, other structures, and machinery.....	..do.....	7,723.7	871.7	671.0	417.6	170.1	499.7	1,587.1	3,495.1	
Oil and gas field properties.....	..do.....	-0.7	11.9				15.2	36.6	-52.9	
Buildings, other structures, and machinery.....	..do.....									
Gross book value of fixed assets (end of year).....										
Oil and gas field properties.....	..do.....	196,569.7	15,670.5	18,638.4	10,648.7	5,822.8	17,929.8	45,818.7	64,551.8	17,489.3
Buildings, other structures, and machinery.....	..do.....	191,890.4	15,296.0	18,104.3	10,332.5	5,621.2	17,708.9	45,081.2	62,767.7	16,978.7
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	374.5	534.1	316.1	201.6	220.9	737.5	1,784.1	510.6
Oil and gas field properties.....	..do.....	13,498.7	1,143.5	1,472.7	789.9	495.6	1,205.1	2,693.0	4,517.0	1,181.7
Buildings, other structures, and machinery.....	..do.....	13,186.4	1,118.9	1,431.3	771.9	478.1	1,181.8	2,658.7	4,397.1	1,148.3
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	24.6	41.3	17.9	17.5	23.4	34.4	119.9	33.3
Oil and gas field properties.....	..do.....	69,866.2	3,033.8	5,285.4	3,700.5	2,146.2	6,488.6	17,298.3	24,450.0	7,463.2
Buildings, other structures, and machinery.....	..do.....	68,519.8	2,960.7	5,154.8	3,608.0	2,073.9	6,402.8	17,070.1	23,964.3	7,285.0
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	1,346.4	73.2	130.5	92.6	72.2	85.8	228.2	485.6	178.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

**Table 16. Detailed Statistics for Companies Grouped by the Percentage of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1981**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0,0 to 39,9	40,0 to 44,9	45,0 to 49,9	50,0 to 54,9	55,0 to 59,9	60,0 to 64,9	65,0 to 69,9	70,0 and over
<b>Sales volumes:</b>										
Crude petroleum and condensate...	Mill. bbl....	2,441.7	498.4	676.3	409.3	324.6	213.6	94.0	38.9	186.6
From stripper well leases.....	..do.....	313.9	36.2	71.1	30.0	37.8	48.2	15.1	11.2	64.2
Lease condensate.....	..do.....	121.4	14.5	28.7	22.5	17.4	12.7	6.0	4.2	15.3
Natural gas.....	Bil. cu. ft.	14,477.4	1,278.2	3,040.7	2,769.9	2,630.6	1,525.1	888.0	525.3	1,819.7
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>108,492.2</b>	<b>16,697.7</b>	<b>27,164.3</b>	<b>18,240.8</b>	<b>17,611.1</b>	<b>10,415.0</b>	<b>5,249.0</b>	<b>2,842.3</b>	<b>10,271.8</b>
Crude petroleum and condensate...	..do.....	75,255.9	13,622.8	21,328.6	12,423.7	11,194.6	6,769.8	3,042.3	1,363.0	5,511.1
Crude petroleum.....	..do.....	71,428.3	13,336.6	20,387.8	11,666.3	10,589.4	6,349.1	2,837.9	1,224.0	5,037.2
Lease condensate.....	..do.....	3,827.4	286.2	940.8	757.3	605.1	420.7	204.4	139.0	473.9
Natural gas.....	..do.....	30,248.9	2,542.5	5,380.5	5,508.2	5,760.2	3,293.3	2,022.2	1,375.0	4,366.8
Income from oil and gas royalties	..do.....	2,384.4	316.4	378.0	277.6	575.7	289.1	159.4	77.6	310.7
Other lease revenues from producing operations.....	..do.....	603.0	216.0	77.1	31.2	80.7	62.8	25.2	26.7	83.3
<b>Expenditures (capitalized and expensed).....</b>	<b>..do.....</b>	<b>98,635.7</b>	<b>12,672.8</b>	<b>24,417.1</b>	<b>15,531.6</b>	<b>15,668.6</b>	<b>9,859.0</b>	<b>5,740.0</b>	<b>3,086.4</b>	<b>11,660.3</b>
Exploration expenditures.....	..do.....	30,674.2	3,989.1	6,334.4	5,048.7	5,119.0	3,210.2	2,303.7	1,111.1	3,558.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	13,545.7	888.3	2,365.6	1,781.5	2,430.9	1,486.6	1,341.0	598.1	2,653.7
Dry holes.....	..do.....	5,844.4	404.7	1,076.3	825.5	956.5	822.3	526.8	202.6	1,029.6
Oil wells.....	..do.....	2,437.3	114.0	301.7	250.2	408.3	191.3	280.3	178.4	713.3
Gas wells.....	..do.....	3,396.6	176.4	548.4	424.3	747.9	359.0	314.1	167.8	658.8
Work-in-progress adjustment.....	..do.....	1,867.3	193.2	439.3	281.6	318.1	114.0	219.7	49.3	252.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	11,188.2	2,338.8	2,494.6	2,284.1	1,569.3	1,001.1	624.3	313.9	562.2
Land department leasing and scouting.....	..do.....	376.2	24.4	88.4	49.0	54.4	52.9	38.8	30.4	37.8
Geological and geophysical.....	..do.....	2,823.0	289.4	926.5	513.3	458.8	291.7	170.0	68.8	104.4
Lease rents.....	..do.....	600.4	100.8	111.8	75.2	112.0	63.8	47.2	28.7	77.2
Test hole contributions.....	..do.....	34.2	1.1	111.8	75.2	8.3	2.5	1.3	1.1	3.5
Other exploration expenditures including direct overhead.....	..do.....	999.0	191.5	104.5	183.3	264.1	159.9	34.3	22.7	38.7
General and administrative overhead, not reported elsewhere.....	..do.....	1,107.5	154.8	242.9	162.1	221.1	151.7	47.0	47.3	80.4
<b>Development expenditures.....</b>	<b>..do.....</b>	<b>25,015.7</b>	<b>2,707.1</b>	<b>4,946.9</b>	<b>3,645.8</b>	<b>3,599.9</b>	<b>2,448.7</b>	<b>1,583.5</b>	<b>1,164.0</b>	<b>4,919.7</b>
Drilling and equipping wells <sup>1 2</sup>	..do.....	16,107.5	1,127.1	2,496.9	2,255.0	2,112.6	1,771.1	1,089.6	936.4	4,318.9
Dry holes.....	..do.....	1,512.8	72.2	216.4	161.4	142.2	245.4	118.3	108.7	448.2
Oil wells.....	..do.....	6,209.9	582.5	1,154.2	918.0	851.2	521.4	406.0	233.1	1,543.4
Gas wells.....	..do.....	6,252.2	300.4	635.4	687.2	845.5	813.1	474.3	338.1	2,158.2
Work-in-progress adjustment.....	..do.....	2,132.6	172.0	490.6	488.3	273.7	191.2	91.0	256.5	169.0
Lease equipment <sup>3</sup> .....	..do.....	4,760.3	840.9	1,441.5	624.6	871.6	342.5	277.0	124.1	238.2
Lease and land acquisitions of producing acreage.....	..do.....	972.6	292.9	161.9	143.9	153.5	76.5	40.0	20.8	83.1
Fluid injection and improved recovery programs.....	..do.....	1,458.2	283.0	460.7	359.9	174.0	59.7	89.4	6.5	25.0
Other development expenditures including direct overhead.....	..do.....	801.6	62.1	187.5	174.8	97.1	118.9	40.8	41.6	78.9
General and administrative overhead, not reported elsewhere.....	..do.....	915.6	101.1	198.5	87.7	191.1	80.1	46.7	34.7	175.8
<b>Production expenditures.....</b>	<b>..do.....</b>	<b>42,945.8</b>	<b>5,976.6</b>	<b>13,135.9</b>	<b>6,837.1</b>	<b>6,949.7</b>	<b>4,200.0</b>	<b>1,852.8</b>	<b>811.3</b>	<b>3,182.5</b>
Direct operating expenditures.....	..do.....	13,505.1	1,284.1	4,675.4	1,614.4	2,033.8	1,597.1	675.5	303.9	1,320.8
Operating and maintenance.....	..do.....	11,006.7	1,013.9	3,986.3	1,058.8	1,726.9	1,392.4	596.4	256.1	975.9
Well workovers.....	..do.....	1,619.3	168.9	458.7	228.5	272.5	183.2	59.5	40.8	207.3
Other direct expenses.....	..do.....	879.0	101.3	230.4	327.2	34.5	21.4	19.6	7.0	137.6
Indirect operating expenditures	..do.....	29,440.8	4,692.4	8,460.4	5,222.7	4,915.9	2,602.9	1,177.3	507.4	1,861.8
Ad valorem, production, and severance taxes.....	..do.....	6,638.6	1,299.4	1,659.6	1,105.5	988.1	554.8	249.5	167.4	614.4
General and administrative overhead.....	..do.....	2,244.8	283.8	787.3	163.1	309.0	153.3	142.2	59.7	346.4
Other indirect expenses including Federal excise taxes	..do.....	20,557.5	3,109.4	6,013.5	3,954.1	3,618.8	1,894.9	785.5	280.3	901.0

See footnotes at end of table.

Table 16. Detailed Statistics for Companies Grouped by the Percentage of Exploratory and Development Drilling and Equipping Expenditures to Total Exploration and Development Expenditures: 1981—Con.

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0 to 39.9	40.0 to 44.9	45.0 to 49.9	50.0 to 54.9	55.0 to 59.9	60.0 to 64.9	65.0 to 69.9	70.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	5,844.4	404.7	1,076.3	825.5	956.5	822.3	526.8	202.6	1,029.6
Number of wells.....	Number.....	8,501	461	547	541	760	1,012	992	336	3,850
Total footage drilled.....	Thou. ft....	52,715	2,791	4,442	4,059	6,186	6,197	4,899	2,082	22,059
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,437.3	114.0	301.7	250.2	408.3	191.3	280.3	178.4	713.3
Number of wells.....	Number.....	4,471	185	255	271	418	260	548	273	2,260
Total footage drilled.....	Thou. ft....	24,528	829	1,812	1,686	3,392	1,761	2,718	1,708	10,622
Exploration gas wells:										
Expenditures.....	Mil. dol....	3,396.6	176.4	548.4	424.3	747.9	359.0	314.1	167.8	658.8
Number of wells.....	Number.....	3,010	200	213	172	285	343	351	123	1,322
Total footage drilled.....	Thou. ft....	23,019	1,220	2,197	1,499	2,798	2,385	2,026	1,015	9,879
Development dry holes:										
Expenditures.....	Mil. dol....	1,512.8	72.2	216.4	161.4	142.2	245.4	118.3	108.7	448.2
Number of wells.....	Number.....	3,976	178	176	230	375	369	295	268	2,085
Total footage drilled.....	Thou. ft....	22,176	1,185	1,318	1,595	2,330	2,266	1,632	1,786	10,064
Development oil wells:										
Expenditures.....	Mil. dol....	6,209.9	582.5	1,154.2	918.0	851.2	521.4	406.0	233.1	1,543.4
Number of wells.....	Number.....	16,680	1,160	2,426	1,753	1,837	1,505	1,529	574	5,894
Total footage drilled.....	Thou. ft....	78,406	5,770	9,490	8,431	9,815	7,236	6,078	3,549	28,037
Development gas wells:										
Expenditures.....	Mil. dol....	6,252.2	300.4	635.4	687.2	845.5	813.1	474.3	338.1	2,158.2
Number of wells.....	Number.....	9,686	411	417	719	757	971	859	477	5,075.7
Total footage drilled.....	Thou. ft....	60,958	2,995	3,265	4,709	5,113	7,053	4,941	3,396	29,486
Expenditures for platforms.....	Mil. dol....	1,265.7	105.6	234.3	301.9	129.4	227.6	163.6	8.5	94.9
Drilling platforms <sup>2</sup> .....	..do.....	743.4	64.7	234.3	301.9	36.3	151.6	35.1	0.7	50.2
Production platforms <sup>3</sup> .....	..do.....	522.3	40.9			93.1	76.0	128.5	7.8	44.7
Gross book value of fixed assets (beginning of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	157,906.8	17,656.0	41,748.1	24,910.4	27,476.9	17,497.2	9,209.2	5,038.3	14,370.7
Buildings, other structures, and machinery.....	..do.....	154,666.4	17,315.2	40,944.7	24,587.4	26,970.3	17,299.2	9,007.3	4,851.1	13,691.2
Capitalized expenditures.....	..do.....	3,240.4	340.8	803.4	323.0	506.6	197.9	201.9	187.2	679.5
Oil and gas field properties.....	..do.....	46,386.0	6,325.2	9,253.1	7,025.8	7,214.9	5,093.8	3,460.8	2,055.9	5,956.7
Buildings, other structures, and machinery.....	..do.....	44,947.7	6,117.4	8,808.3	6,885.7	7,023.4	5,032.2	3,368.9	2,015.2	5,697.1
Retirement and dispositions.....	..do.....	1,438.2	207.8	444.8	140.1	191.5	61.6	91.9	40.7	259.6
Oil and gas field properties.....	..do.....	7,722.9	919.3	2,582.9	897.3	983.5	862.0	398.9	289.3	790.0
Buildings, other structures, and machinery.....	..do.....	7,723.7	891.2	2,659.8	869.5	983.5	862.0	390.3	279.2	756.3
	..do.....	-0.7	28.1	-76.9	27.8			8.6	10.1	33.7
Gross book value of fixed assets (end of year) <sup>4</sup> .....										
Oil and gas field properties.....	..do.....	196,569.7	23,062.0	48,418.3	31,038.9	33,708.3	21,728.9	12,271.1	6,804.9	19,537.3
Buildings, other structures, and machinery.....	..do.....	191,890.4	22,541.4	47,093.1	30,603.5	32,963.4	21,484.1	11,985.9	6,587.1	18,631.8
Accumulation, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	520.6	1,325.2	435.3	744.9	244.8	285.3	217.8	905.4
Oil and gas field properties.....	..do.....	13,498.7	1,347.8	2,960.0	2,309.1	2,443.2	1,547.2	991.0	521.0	1,379.2
Buildings, other structures, and machinery.....	..do.....	13,186.4	1,324.0	2,890.5	2,286.5	2,393.1	1,515.6	968.6	500.0	1,307.8
Accumulation, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	23.8	69.4	22.7	50.1	31.5	22.4	21.0	71.4
Oil and gas field properties.....	..do.....	69,866.2	7,057.1	19,553.5	11,490.0	12,225.8	8,349.7	3,975.5	2,151.9	5,062.4
Buildings, other structures, and machinery.....	..do.....	68,519.8	6,952.2	19,201.0	11,340.5	12,023.0	8,214.1	3,894.3	2,069.3	4,825.1
	..do.....	1,346.4	104.9	352.4	149.5	202.7	135.7	81.2	82.6	237.3

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 17. Detailed Statistics for Companies Grouped by the Percentage of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1981

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 14.9	15.0 to 19.9	20.0 to 24.9	25.0 to 29.9	30.0 to 39.9	40.0 to 49.9	70.0 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl ...	2,441.7	83.7	147.1	404.4	1,080.4	247.2	215.3	232.6	31.0
From stripper well leases.....	..do.....	313.9	33.3	29.9	22.1	116.3	28.7	48.1	23.0	12.4
Lease condensate.....	..do.....	121.1	1.7	7.9	11.7	51.7	14.8	15.9	7.9	9.5
Natural gas.....	Bil. cu. ft.	14,477.4	293.2	1,504.6	1,518.7	6,225.9	1,857.9	1,699.8	1,120.3	256.8
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	108,492.2	2,806.8	8,937.4	14,961.7	45,794.5	12,705.5	10,947.5	10,594.8	1,743.6
Crude petroleum and condensate...	..do.....	75,255.9	2,215.7	4,775.1	11,115.2	33,517.1	8,366.5	6,805.2	7,518.3	942.9
Crude petroleum.....	..do.....	71,428.3	2,161.7	4,516.5	10,715.3	31,816.1	7,881.1	6,259.0	7,279.4	799.4
Lease condensate.....	..do.....	3,827.4	54.0	258.6	399.9	1,700.9	485.4	546.2	239.0	143.5
Natural gas.....	..do.....	30,248.9	520.2	3,824.0	3,355.2	11,417.2	3,811.8	3,831.0	2,723.5	766.1
Income from oil and gas royalties	..do.....	2,384.4	40.6	186.2	401.0	780.9	400.0	261.4	287.7	26.5
Other lease revenues from producing operations.....	..do.....	603.0	30.3	152.1	90.3	79.4	127.3	49.9	65.4	8.3
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	98,635.7	2,111.4	7,998.9	11,946.5	40,848.2	11,525.5	12,119.0	10,777.1	1,309.2
Drilling and equipping wells <sup>1 2</sup>	..do.....	30,647.2	398.4	2,218.6	3,177.5	11,826.8	4,324.8	3,752.8	4,297.6	677.6
Dry holes.....	..do.....	13,545.7	182.8	1,047.2	1,256.5	4,758.4	2,066.3	1,730.7	2,034.1	469.6
Oil wells.....	..do.....	5,844.4	-	223.1	429.8	1,818.1	771.1	1,023.7	1,199.2	379.4
Gas wells.....	..do.....	2,437.3	131.2	302.7	264.4	798.9	401.1	207.1	299.5	32.4
Work-in-progress adjustment.....	..do.....	3,396.6	48.9	437.3	303.2	1,138.5	515.8	433.4	436.8	82.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	1,867.3	2.7	84.1	259.2	1,002.9	378.3	66.5	98.6	-24.9
Lana department leasing and scouting.....	..do.....	11,188.2	150.6	774.2	1,270.1	4,549.0	1,368.6	1,262.5	1,684.9	128.3
Geological and geophysical.....	..do.....	376.2	2.5	58.0	32.1	138.1	34.1	58.9	39.6	12.9
Lease rents.....	..do.....	2,823.0	3.2	128.6	281.2	1,452.4	275.3	331.0	323.6	27.6
Test hole contributions.....	..do.....	600.4	44.8	55.5	60.8	196.9	79.9	77.7	64.7	20.0
Other exploration expenditures including direct overhead.....	..do.....	34.2	-	2.7	1.6	20.1	8.3	161.7	0.8	3.5
General and administrative overhead, not reported elsewhere.....	..do.....	999.0	5.6	59.0	130.6	309.2	286.0	130.3	105.6	15.4
Development expenditures.....	..do.....	1,107.5	8.8	93.3	144.7	402.9	206.4	130.3	105.6	15.4
Drilling and equipping wells <sup>1 2</sup>	..do.....	25,015.7	757.8	3,592.4	3,236.7	8,642.0	2,241.9	3,987.1	2,395.5	162.2
Dry holes.....	..do.....	16,107.5	543.7	2,861.3	1,882.8	5,215.9	1,296.1	2,883.8	1,297.9	126.0
Oil wells.....	..do.....	1,512.8	124.9	134.4	134.4	382.4	132.2	387.7	285.5	65.8
Gas wells.....	..do.....	6,209.9	394.5	1,067.8	740.9	2,157.4	500.2	788.3	520.3	20.3
Work-in-progress adjustment.....	..do.....	6,252.2	189.2	1,300.8	623.9	1,576.3	524.3	1,517.7	479.3	40.8
Lease equipment <sup>3</sup> .....	..do.....	2,132.6	-40.0	347.7	383.6	1,099.9	139.4	190.2	12.7	-0.9
Lease and land acquisitions of producing acreage.....	..do.....	4,760.3	112.7	349.8	768.9	1,768.7	585.0	466.7	690.4	18.0
Fluid injection and improved recovery programs.....	..do.....	972.6	23.9	77.6	178.4	240.6	62.8	229.5	147.4	12.4
Other development expenditures including direct overhead.....	..do.....	1,458.2	59.5	18.7	233.4	792.9	106.3	103.3	176.7	1.1
General and administrative overhead, not reported elsewhere.....	..do.....	801.6	109.8	39.8	316.5	62.4	207.3	32.1		
Production expenditures.....	..do.....	915.6	18.1	175.3	133.4	307.4	129.2	96.5	51.0	4.8
Direct operating expenditures...	..do.....	42,945.8	955.2	2,187.9	5,532.2	20,379.3	4,958.8	4,379.1	4,084.0	469.3
Operating and maintenance...	..do.....	13,505.1	552.4	842.3	1,165.2	6,631.1	1,296.8	1,642.3	1,187.9	187.0
Well workovers.....	..do.....	11,006.7	456.0	694.0	994.4	5,392.6	1,044.1	1,448.5	814.5	162.6
Other direct expenses.....	..do.....	1,619.3	60.4	116.7	144.0	685.5	202.6	178.8	210.0	21.5
Indirect operating expenditures	..do.....	879.0	36.0	31.6	26.9	553.1	50.2	15.0	163.4	2.9
Ad valorem, production, and severance taxes.....	..do.....	29,440.8	402.8	1,345.6	4,367.0	13,748.2	3,662.0	2,736.8	2,896.1	282.3
General and administrative overhead.....	..do.....	6,638.6	75.7	457.8	1,332.6	2,843.0	738.7	527.8	571.4	91.5
Other indirect expenses including Federal excise taxes	..do.....	2,244.8	94.2	156.2	262.4	1,108.7	244.4	199.8	144.6	34.4
	..do.....	20,557.5	232.8	731.6	2,772.0	9,796.5	2,678.8	2,009.2	2,180.1	156.5

See footnotes at end of table.



**Table 17. Detailed Statistics for Companies Grouped by the Percentage of Dry Hole Expenditures to Total Drilling and Equipping Expenditures: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 14.9	15.0 to 19.9	20.0 to 24.9	25.0 to 29.9	30.0 to 39.9	40.0 to 69.9	70.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	5,844.4	-	233.1	429.8	1,818.1	771.1	1,023.7	1,199.2	379.4
Number of wells.....	Number.....	8,501	-	777	516	2,181	851	1,330	1,474	1,370
Total footage drilled.....	Thou. ft....	52,715	-	3,541	3,776	14,316	6,631	7,735	9,297	7,419
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,437.3	131.2	302.7	264.4	798.9	401.1	207.1	299.5	32.4
Number of wells.....	Number.....	4,471	826	822	281	1,065	427	534	444	72
Total footage drilled.....	Thou. ft....	24,528	2,246	4,401	1,812	6,969	3,175	2,846	2,734	344
Exploration gas wells:										
Expenditures.....	Mil. dol....	3,396.6	48.9	437.3	303.2	1,138.5	515.8	433.4	436.8	82.7
Number of wells.....	Number.....	3,010	216	539	209	754	331	399	257	306
Total footage drilled.....	Thou. ft....	23,019	1,037	2,572	1,594	5,552	2,901	2,731	2,575	4,057
Development dry holes:										
Expenditures.....	Mil. dol....	1,512.8	-	124.9	134.4	382.4	132.2	387.7	285.5	65.8
Number of wells.....	Number.....	3,976	-	656	408	743	289	823	687	371
Total footage drilled.....	Thou. ft....	22,176	-	3,410	2,201	4,596	1,956	4,944	3,966	1,103
Development oil wells:										
Expenditures.....	Mil. dol....	6,209.9	394.5	1,087.8	740.9	2,157.4	500.2	788.3	520.3	20.3
Number of wells.....	Number.....	16,680	1,793	3,750	1,799	4,647	1,187	2,138	1,262	104
Total footage drilled.....	Thou. ft....	78,406	6,900	17,307	10,384	20,815	6,727	9,625	6,261	387
Development gas wells:										
Expenditures.....	Mil. dol....	6,252.2	189.2	1,300.8	623.9	1,576.3	524.3	1,517.7	479.3	40.8
Number of wells.....	Number.....	9,686	902	3,071	857	1,625	794	1,823	578	36
Total footage drilled.....	Thou. ft....	60,958	4,252	15,008	5,723	11,110	5,467	15,862	3,224	312
Expenditures for platforms.....	Mil. dol....	1,265.7	(D)	66.8	99.2	469.5	137.9	364.0	125.8	(D)
Drilling platforms <sup>2</sup> .....	..do.....	743.4	(D)	23.9	64.8	335.5	47.2	239.7	30.0	(D)
Production platforms <sup>3</sup> .....	..do.....	522.3	(D)	43.0	34.5	134.0	90.7	124.3	95.7	(D)
Gross book value of fixed assets (beginning of year) <sup>4</sup> :										
Oil and gas field properties.....	..do.....	157,906.8	3,091.1	12,864.0	20,123.3	68,768.9	17,226.3	19,051.5	15,283.9	1,497.8
Buildings, other structures, and machinery.....	..do.....	154,666.4	2,733.0	12,362.8	19,847.6	67,567.3	16,890.6	18,748.0	15,046.2	1,470.9
Capitalized expenditures.....	..do.....	3,240.4	358.1	501.2	275.6	1,201.6	335.7	303.6	237.7	26.9
Capitalized expenditures:										
Oil and gas field properties.....	..do.....	46,386.0	869.1	4,884.3	6,163.3	16,685.6	5,143.9	6,507.4	5,527.6	605.0
Buildings, other structures, and machinery.....	..do.....	44,947.7	792.9	4,722.1	5,955.9	16,125.7	5,006.1	6,349.1	5,397.7	598.3
Retirement and dispositions.....	..do.....	1,438.2	76.2	162.2	207.3	559.9	137.8	158.2	129.9	6.7
Retirement and dispositions:										
Oil and gas field properties.....	..do.....	7,722.9	138.5	576.1	726.6	3,385.4	514.6	1,230.7	911.5	239.7
Buildings, other structures, and machinery.....	..do.....	7,723.7	126.3	595.0	718.1	3,445.0	487.6	1,214.3	900.1	237.4
Gross book value of fixed assets (end of year).....	..do.....	-0.7	12.2	-18.9	8.5	-59.6	27.0	16.4	11.4	2.3
Gross book value of fixed assets (end of year):										
Oil and gas field properties.....	..do.....	196,569.7	3,821.6	17,172.3	25,559.9	82,069.0	21,855.8	24,328.1	19,899.9	1,863.0
Buildings, other structures, and machinery.....	..do.....	191,890.4	3,399.5	16,490.0	25,085.4	80,247.9	21,409.2	23,882.8	19,543.8	1,831.8
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	4,679.3	422.1	682.3	474.5	1,821.1	446.6	445.4	356.1	31.2
Depletion, depreciation, and amortization of fixed assets, cost during the year:										
Oil and gas field properties.....	..do.....	13,498.7	234.0	1,124.9	1,835.0	5,636.7	1,636.9	1,750.6	1,147.2	133.4
Buildings, other structures, and machinery.....	..do.....	13,186.4	211.4	1,073.9	1,807.6	5,538.5	1,598.5	1,705.1	1,122.4	128.8
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	312.5	22.6	51.0	27.4	98.2	38.3	45.5	24.8	4.6
Depletion, depreciation, and amortization of fixed assets, end of the year:										
Oil and gas field properties.....	..do.....	69,866.2	1,010.9	4,945.1	6,980.5	31,061.0	8,323.7	9,079.1	7,902.7	563.0
Buildings, other structures, and machinery.....	..do.....	68,519.8	924.4	4,739.8	6,899.3	30,538.4	8,172.4	8,910.6	7,785.7	548.9
	..do.....	1,346.4	86.5	205.3	81.3	522.6	151.3	168.5	117.0	14.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.

Table 18. Detailed Statistics for Companies Grouped by the Percentage of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1981

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 09.9	10.0 to 14.9	15.0 to 19.9	20.0 to 24.9	25.0 to 29.9	30.0 to 39.9	40.0 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,441.7	83.8	1,364.1	500.2	204.6	146.7	50.4	53.9	38.0
From stripper well leases.....	..do.....	313.9	34.8	117.3	79.4	21.9	18.4	11.3	10.1	20.7
Lease condensate.....	..do.....	121.1	2.5	59.1	23.9	15.3	5.4	5.3	4.9	4.8
Natural gas.....	Bil. cu. ft.	14,477.4	395.5	6,059.2	3,201.1	1,701.7	1,430.4	716.0	587.0	386.5
Lease revenues:										
Crude petroleum and condensate...	Mil. dol....	108,492.2	3,334.7	53,390.6	23,255.7	11,128.5	8,744.0	3,387.3	3,074.5	2,176.4
Crude petroleum and condensate...	..do.....	75,255.9	2,320.9	40,558.2	16,136.5	7,036.5	4,899.8	1,700.9	1,510.7	1,092.4
Crude petroleum.....	..do.....	71,428.3	2,239.9	38,821.3	15,303.2	6,516.4	4,718.0	1,509.4	1,356.2	964.0
Lease condensate.....	..do.....	3,827.4	81.0	1,737.1	833.2	520.2	181.8	191.5	154.5	128.3
Natural gas.....	..do.....	30,248.9	922.6	11,719.3	6,459.8	3,634.5	3,419.0	1,606.6	1,458.5	1,028.5
Income from oil and gas royalties	..do.....	2,384.4	45.5	789.4	564.9	401.7	398.5	69.5	68.4	46.5
Other lease revenues from producing operations.....	..do.....	603.0	45.8	323.9	94.5	55.8	26.7	10.3	36.9	9.0
Expenditures (capitalized and expensed):										
Exploration expenditures.....	..do.....	98,635.7	2,153.5	45,313.3	21,353.7	9,998.5	9,375.8	3,525.8	3,979.3	2,936.1
Drilling and equipping wells <sup>1 2</sup>	..do.....	13,545.7	-	3,151.8	2,666.3	1,759.1	2,064.8	970.4	1,345.6	1,587.6
Dry holes.....	..do.....	5,844.4	-	1,637.3	1,209.4	705.9	858.7	292.3	491.0	649.8
Oil wells.....	..do.....	2,437.3	-	351.3	379.3	306.6	423.4	206.5	385.9	384.4
Gas wells.....	..do.....	3,396.6	-	740.7	560.4	523.7	572.6	299.9	356.1	343.2
Work-in-progress adjustment.....	..do.....	1,867.3	-	422.5	517.3	222.9	210.2	171.7	112.6	210.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	11,188.2	21.7	4,907.2	2,902.6	892.2	1,282.3	392.0	537.9	252.1
Land department leasing and scouting.....	..do.....	376.2	4.3	154.2	86.5	31.0	41.7	26.2	13.7	18.7
Geological and geophysical.....	..do.....	2,823.0	1.4	1,325.1	710.2	281.7	240.3	152.3	66.6	45.4
Lease rents.....	..do.....	600.4	44.6	220.8	99.7	81.4	67.8	33.6	35.2	17.4
Test hole contributions.....	..do.....	34.2	-	17.7	3.6	-	1.0	2.1	0.3	1.8
Other exploration expenditures including direct overhead.....	..do.....	999.0	2.1	445.3	129.2	181.1	185.4	16.4	32.1	15.1
General and administrative overhead, not reported elsewhere.....	..do.....	1,107.5	6.2	499.5	113.0	220.1	82.3	55.6	88.2	42.7
Development expenditures:										
Drilling and equipping wells <sup>1 2</sup>	..do.....	16,107.5	667.6	7,877.5	2,882.2	1,316.6	1,781.1	544.6	792.1	245.8
Dry holes.....	..do.....	1,512.8	81.9	540.8	273.1	172.6	188.6	64.5	153.8	37.5
Oil wells.....	..do.....	6,209.9	359.2	3,031.9	1,162.1	498.4	687.3	164.0	224.7	82.3
Gas wells.....	..do.....	6,252.2	263.2	2,952.4	1,034.5	585.9	675.2	288.0	374.6	78.4
Work-in-progress adjustment.....	..do.....	2,132.6	-36.7	1,352.4	412.5	59.7	230.1	28.1	38.9	47.6
Lease equipment <sup>3</sup> .....	..do.....	4,760.3	148.3	2,197.7	1,036.2	551.5	525.6	119.8	139.2	41.9
Lease and land acquisitions of producing acreage.....	..do.....	972.6	35.3	248.5	267.6	202.9	77.0	62.4	47.0	32.0
Fluid injection and improved recovery programs.....	..do.....	1,458.2	(D)	894.7	342.8	58.8	91.9	(D)	4.2	1.3
Other development expenditures including direct overhead.....	..do.....	801.6	53.0	493.1	93.1	64.8	66.1	13.0	12.4	6.0
General and administrative overhead, not reported elsewhere.....	..do.....	915.6	(D)	501.0	111.1	135.3	74.6	(D)	25.1	13.5
Production expenditures:										
Direct operating expenditures.....	..do.....	13,505.1	594.9	6,271.7	3,688.6	1,043.0	909.6	357.4	312.4	327.5
Operating and maintenance.....	..do.....	11,006.7	497.3	5,297.2	2,817.7	850.3	760.0	298.6	256.1	229.5
Well workovers.....	..do.....	1,619.3	61.2	627.5	458.7	182.5	116.1	44.7	39.1	89.5
Other direct expenses.....	..do.....	879.0	36.5	346.9	412.2	10.1	33.4	14.2	17.2	8.5
Indirect operating expenditures	..do.....	29,440.8	514.7	16,107.2	6,221.0	3,179.1	1,884.3	719.8	527.3	287.4
Ad valorem, production, and severance taxes.....	..do.....	5,638.6	106.5	3,840.1	1,130.7	648.1	473.1	163.6	150.8	125.8
General and administrative overhead.....	..do.....	2,244.8	123.9	1,174.3	381.0	167.5	125.5	102.8	90.4	79.3
Other indirect expenses including Federal excise taxes	..do.....	20,557.5	284.3	11,092.9	4,709.3	2,363.5	1,285.6	453.4	286.1	82.3

See footnotes at end of table.

**Table 18. Detailed Statistics for Companies Grouped by the Percentage of Total Exploratory Drilling and Equipping Expenditures to Total Expenditures: 1981—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class							
			0.0	0.1 to 09.9	10.0 to 14.9	15.0 to 19.9	20.0 to 24.9	25.0 to 29.9	30.0 to 39.9	40.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mil. dol....	5,844.4	-	1,637.3	1,209.4	705.9	858.7	292.3	491.0	649.8
Number of wells.....	Number.....	8,501	-	1,441	1,213	1,030	837	641	1,354	1,983
Total footage drilled.....	Thou. ft....	52,715	-	9,131	7,503	6,839	6,235	3,598	7,693	11,716
Exploration oil wells:										
Expenditures.....	Mil. dol....	2,437.3	-	351.3	379.3	306.6	423.4	206.5	385.9	384.4
Number of wells.....	Number.....	4,471	-	595	428	365	613	473	711	1,286
Total footage drilled.....	Thou. ft....	24,528	-	3,762	2,591	2,725	3,782	2,380	4,049	5,239
Exploration gas wells:										
Expenditures.....	Mil. dol....	3,396.6	-	740.7	560.4	523.7	572.6	299.9	356.1	343.2
Number of wells.....	Number.....	3,010	-	590	324	348	301	234	361	851
Total footage drilled.....	Thou. ft....	23,019	-	3,683	2,988	2,666	2,498	1,764	2,198	7,222
Development dry holes:										
Expenditures.....	Mil. dol....	1,512.8	81.9	540.8	273.1	172.6	188.6	64.5	153.8	37.5
Number of wells.....	Number.....	3,976	683	981	400	708	414	210	461	119
Total footage drilled.....	Thou. ft....	22,176	3,468	7,241	2,481	2,923	2,655	1,103	2,642	663
Development oil wells:										
Expenditures.....	Mil. dol....	6,209.9	359.2	3,031.9	1,162.1	498.4	687.3	164.0	224.7	82.3
Number of wells.....	Number.....	16,680	2,751	6,724	3,094	1,051	1,307	602	658	493
Total footage drilled.....	Thou. ft....	78,406	11,026	32,469	12,396	6,577	7,005	2,766	3,977	2,190
Development gas wells:										
Expenditures.....	Mil. dol....	6,252.2	263.2	2,952.4	1,034.5	585.9	675.2	288.0	374.6	78.4
Number of wells.....	Number.....	9,686	1,470	4,162	1,038	881	767	587	611	170
Total footage drilled.....	Thou. ft....	60,958	6,224	27,830	7,381	5,402	5,664	3,315	3,944	1,198
Expenditures for platforms.....	Mil. dol....	1,265.7	3.8	407.5	265.0	95.9	287.3	58.4	122.2	25.6
Drilling platforms <sup>2</sup> .....	..do.....	743.4	3.3	287.6	208.9	95.9	101.2	7.6	59.3	25.6
Production platforms <sup>3</sup> .....	..do.....	522.3	0.5	119.9	56.1		186.1	50.8	62.8	
Gross book value of fixed assets										
(beginning of year) <sup>4</sup> .....	..do.....	157,906.8	3,168.1	67,884.2	40,443.9	15,990.7	14,966.8	6,501.9	5,981.3	2,969.8
Oil and gas field properties.....	..do.....	154,666.4	2,828.5	66,525.4	39,832.7	15,669.1	14,662.8	6,399.9	5,852.5	2,895.5
Buildings, other structures, and machinery.....	..do.....	3,240.4	339.6	1,358.9	611.2	321.6	304.0	101.9	128.8	74.3
Capitalized expenditures.....										
Oil and gas field properties.....	..do.....	46,386.0	770.8	18,342.4	10,125.5	4,744.5	5,864.2	2,125.3	2,722.6	1,690.6
Buildings, other structures, and machinery.....	..do.....	44,947.7	697.4	17,586.4	9,995.2	4,564.7	5,744.4	2,083.4	2,658.5	1,617.8
Oil and gas field properties.....	..do.....	1,438.2	73.4	756.0	130.3	179.7	119.8	41.9	64.2	72.8
Retirement and dispositions.....										
Oil and gas field properties.....	..do.....	7,722.9	122.9	4,204.6	1,022.6	730.9	807.6	210.5	319.8	304.1
Buildings, other structures, and machinery.....	..do.....	7,723.7	109.5	4,187.7	1,016.6	715.7	873.7	204.7	316.2	299.6
Oil and gas field properties.....	..do.....	-0.7	13.4	16.9	6.0	15.2	-66.1	5.8	3.6	4.5
Gross book value of fixed assets										
(end of year).....	..do.....	196,569.7	3,815.9	82,022.1	49,546.9	20,004.3	20,023.4	8,416.7	8,384.2	4,356.4
Oil and gas field properties.....	..do.....	191,890.4	3,416.3	79,924.0	48,811.3	19,518.1	19,533.4	8,278.7	8,194.8	4,213.7
Buildings, other structures, and machinery.....	..do.....	4,679.3	399.6	2,098.0	735.6	486.2	490.0	138.0	189.3	142.6
Depletion, depreciation, and amortization of fixed assets, cost during the year.....										
Oil and gas field properties.....	..do.....	13,498.7	207.4	5,260.3	3,312.4	1,482.7	1,472.7	606.3	818.9	338.0
Buildings, other structures, and machinery.....	..do.....	13,186.4	186.5	5,143.8	3,253.5	1,435.5	1,445.5	594.7	800.5	326.3
Oil and gas field properties.....	..do.....	312.5	20.9	116.6	58.9	47.2	27.1	11.5	18.4	11.7
Depletion, depreciation, and amortization of fixed assets, end of the year.....										
Oil and gas field properties.....	..do.....	69,866.2	1,224.9	28,487.2	19,808.0	7,504.0	6,701.8	2,868.9	2,301.7	969.7
Buildings, other structures, and machinery.....	..do.....	68,519.8	1,142.2	27,920.2	19,528.4	7,347.9	6,570.9	2,824.1	2,244.4	941.8
Oil and gas field properties.....	..do.....	1,346.4	82.8	567.0	279.7	156.1	130.9	44.7	57.3	27.9

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 10 presents this information for groups of companies with similar accounting methods.



# Appendix A. MA-13K Form and Instructions

PENALTY FOR FAILURE TO REPORT

DUE DATE: APRIL 30, 1982

O.M.B. No. 0607-0174 Approval Expires July 31, 1984

<p><b>FORM MA-13K</b> (10-16-81)</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS</p> <p style="text-align: center;"><b>1981 ANNUAL SURVEY OF OIL AND GAS</b></p> <p><b>Please complete and return this form as soon as possible after receipt to</b></p> <p style="text-align: center;"><b>BUREAU OF THE CENSUS</b> 1201 East Tenth Street Jeffersonville, Indiana 47132</p> <p><b>NOTE</b> — The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census, ATTN: Industry Division, Washington, D.C. 20233.</p> <p>If book figures are not available, carefully prepared estimates are acceptable. Complete every item.</p> <p>If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.</p>	<p><b>NOTICE</b> — Response to this inquiry is required by law (title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.</p> <p>In correspondence pertaining to this report please refer to this Census File Number</p> <p style="text-align: center;">↓</p> <p style="text-align: center;"><b>PLEASE RETURN THIS COPY</b></p> <p style="text-align: center;"><i>Please correct errors in name, address, and ZIP code. ENTER number and street if not shown</i></p>
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## GENERAL INSTRUCTIONS

### ► PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ► WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** — Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during the year is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** — Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during the year is required to submit data for column (m).

#### ► WHAT ACTIVITIES SHOULD BE REPORTED?

This report should include production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ► WHAT PERIOD SHOULD REPORT COVER?

This report should cover the calendar year. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ► HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquids plants.

#### ► HOW SHOULD DATA BE ROUNDED?

All data entries except employment and net company interest well counts should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ► HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

**1. By Geographic Area** — Columns (d), (e), (f), and (g) — For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** — Columns (e) and (g) — Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** — Columns (d) and (f) — All leases not meeting the offshore criteria are classified as "onshore."

**2. By Lease Classification** — Columns (h), (i), and (j) — Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests, shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 16) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 16, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** — Column (h) — Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** — Column (i) — Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** — Column (j) — Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs.

**3. By Operator** — Columns (k) and (l) — The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** — Column (k) — The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** — Column (l) — The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

#### ► HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

 Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State, and ZIP code)	Telephone		
			Area code	Number	Extension
	This report is substantially accurate and covers the period from _____ to _____				
	Name of company	Address (Number and street, city, State, and ZIP code)			
	Signature of authorized person	Title	Date		

## 1981 ANNUAL SURVEY OF OIL AND GAS

Line number		Item	Unit of measure	TOTAL UNITED STATES	GEOGRAPHICAL AREA						LEASE CLASSIFICATION						OPERATOR		GROSS OPERATOR BASIS	
					Alaska			Lower 48			Combination leases			Company operated properties		Non-company operated properties				
					Onshore	Offshore	Offshore	Onshore	Offshore	Offshore	Onshore	Offshore	Onshore	Offshore	Onshore	Offshore				Onshore
Line number	a.	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)					
I. SALES VOLUMES																				
A. Total crude petroleum and condensate																				
1		Thousand barrels	85916	87074	87633	87647	87557	87065	87073	87081	87099	87107	87115							
2		Thousand barrels	85914	85022	85030	85048	85055	85073	85071	85089	85097	85105	85113							
3		Thousand barrels	83012	83020	83036	83046	83053	83079	83079	83087	83095	83103	83111							
4		Million cubic feet	84010	84028	84036	84044	84051	84059	84077	84085	84093	84101	84113							
5		Thousand dollars	85017	85025	85033	85041	85058	85064	85076	85084	85092	85108	85118							
II. TOTAL LEASE REVENUES																				
6		Thousand dollars	76015	76023	86031	86049	86056	86064	86072	86080	86098	86106	86114							
7		Thousand dollars	87013	87021	87039	87047	87054	87062	87078	87086	87094	87102	87112							
8		Thousand dollars	88011	88019	88037	88045	88052	88060	88078	88086	88094	88102	88110							
9		Thousand dollars	89019	89027	89035	89043	89050	89058	89076	89084	89092	89100	89118							
10		Thousand dollars	90017	90025	90033	90041	90058	90066	90074	90082	90090	90108	90116							
11		Thousand dollars	91015	91023	91031	91049	91056	91064	91072	91080	91088	91096	91104							
III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENDED)																				
A. Total exploration expenditures																				
12		Thousand dollars	14019	14027	14035	14043	14050	14058	14068	14084	14092	14100	14118							
13		Thousand dollars	15016	15024	15032	15040	15057	15065	15073	15081	15099	15107	15115							
14		Thousand dollars	16014	16022	16030	16048	16055	16063	16071	16089	16097	16105	16113							
15		Thousand dollars	17012	17020	17028	17046	17053	17061	17079	17087	17095	17103	17111							
16		Thousand dollars	18010	18028	18036	18044	18051	18059	18077	18085	18093	18101	18119							
17		Thousand dollars	19018	19026	19034	19042	19059	19067	19085	19093	19101	19109	19117							
18		Thousand dollars	20016	20024	20032	20040	20057	20065	20083	20091	20099	20107	20115							
19		Thousand dollars	21014	21022	21030	21048	21055	21063	21081	21089	21097	21105	21113							
20		Thousand dollars	22012	22020	22028	22046	22053	22061	22079	22087	22095	22103	22111							
21		Thousand dollars	23010	23018	23026	23044	23051	23059	23077	23085	23093	23101	23111							



Page 3

NET COMPANY INTEREST BASIS													
Line number	Item (Thousands dollars)	Gross book value of fixed assets at the beginning of the year (b)	Capitalized expenditures during the year (c)	Retirements and disposition of fixed assets during the year (d)	Asset reclassification adjustment (e)	TOTAL UNITED STATES (f)	Geographic area				Charges during the year (h)	Balance of accumulated charges (i)	Line number
							ALASKA						
							Onshore (g)	Offshore (h)	Onshore (i)	Offshore (j)			
47	V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS	47019	47027	47035		47050	47059	47076	47084	47092	47100	47118	47
48	A. Total oil and gas field properties	48017	48025	48033		48058	48066	48074	48082	48090	48108	48116	48
49	1. Nonproducing properties	49015	49023	49031	49049	49056	49064	49072	49080	49098	49106	49114	49
50	a. Leaseholds	50013	50021	50039	50047	50054	50062	50070	50088	50096	50104	50112	50
51	b. Other pre-development accounts	51011	51029	51037	51045	51052	51060	51078	51086	51094	51102	51110	51
52	2. Producing properties	52019	52027	52035	52043	52050	52058	52066	52084	52092	52100	52118	52
53	a. Leaseholds	53017	53025	53033	53041	53058	53066	53074	53082	53090	53108	53116	53
54	b. Intangible drilling and development accounts	54015	54023	54031	54049	54056	54064	54072	54080	54098	54106	54114	54
55	c. Lease and well equipment	55012	55020	55038	55046	55053	55061	55079	55087	55095	55103	55111	55
56	3. Work-in-progress	56010	56028	56036	56044	56051	56059	56077	56085	56093	56101	56119	56
57	a. Intangible drilling and development accounts	57018	57026	57034	57042	57059	57067	57075	57083	57091	57109	57117	57
58	b. Lease and well equipment	58016	58024	58032	58040	58057	58065	58073	58081	58089	58107	58115	58
59	B. Buildings, other structures, and machinery	59014	59022	59030		59055	59063	59071	59089	59097	59105	59113	59
VIII. METHOD OF ACCOUNTING (Identify one) 1 <input type="checkbox"/> Successful efforts 2 <input type="checkbox"/> Full cost 3 <input type="checkbox"/> Other - Describe _____													
Remarks _____													
NET COMPANY INTEREST BASIS													
Line number	Item	Unit of measure (b)	GEOGRAPHICAL AREA				GROSS OPERATOR BASIS		TOTAL OPERATOR ACCOUNT		Remarks		
			ALASKA				TOTAL UNITED STATES		TOTAL OPERATOR ACCOUNT				
			Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)	Onshore (h)	Offshore (i)	Onshore (j)	Offshore (k)			
60	VI. DRILLING: PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR		60012	60038	60046	60053	60061						
61	A. Exploration												
62	1. Dry holes	Number	61028	61036	61044	61051	61069						
63	a. Wells	Thou. feet	62026	62034	62042	62059	62067						
64	b. Total footage drilled	Thou. feet	63024	63032	63040	63057	63065						
65	a. Wells	Number	64022	64030	64048	64055	64063						
66	b. Total footage drilled	Thou. feet	65029	65037	65045	65062	65068						
67	A. Development		66027	66035	66043	66050	66068						
68	1. Dry holes	Number	67025	67033	67041	67058	67066						
69	a. Wells	Thou. feet	68023	68031	68049	68056	68064						
70	b. Total footage drilled	Thou. feet	69021	69029	69047	69054	69062						
71	a. Wells	Number	70019	70027	70043	70052	70060						
72	b. Total footage drilled	Thou. feet	71019	71035	71043	71050	71068						
73	A. Drilling platforms	Thou. dollars	72017	72033	72041	72058	72066						
74	B. Production platforms	Thou. dollars	73015	73031	73049	73056	73064						



1981 ANNUAL SURVEY OF OIL AND GAS  
INSTRUCTIONS FOR COMPLETING FORM MA-13K

## ▶ I. SALES VOLUMES

▶ **Line 1 — Total crude petroleum and condensate** — Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit). Include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (j), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

▶ **Line 2 — From stripper well leases (included in line 1)** — Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

▶ **Line 3 — Lease condensate (included in line 1)** — Report the lease condensate sales volume included in total crude petroleum and condensate.

▶ **Line 4 — Natural gas** — Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (j), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

## ▶ II. TOTAL LEASE REVENUES

▶ **Line 5 — Total lease revenues** — Report the totals of lines 6, 9, 10, and 11.

▶ **Lines 6, 7, and 8 — Crude petroleum and condensate** — Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (j), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

▶ **Line 9 — Natural gas** — Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (j), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

▶ **Line 10 — Income received from oil and gas royalties** — Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interest, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 5 through 9 as appropriate.

▶ **Line 11 — Other lease revenue from producing operations** — Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

## ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

▶ **Line 12 — Total expenditures (Capitalized and expensed)** — Report on this line the totals of lines 13, 26, and 37. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools already covered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 23 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 36, and 44 depreciation may be charged for office buildings, etc., where the total cash expenditure for such facilities are not reported elsewhere.

▶ **Line 13 — Total exploration expenditures** — Report on this line the totals of lines 14, 19, 20, 21, 22, 23, 24, and 25.

▶ **Line 14 — Total drillings and equipping wells** — Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

NOTE: For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

▶ **Line 15 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms; and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory dry holes.

In column (m), report the total costs for drilling and equipping exploratory dry holes on properties which you operated. Include non-operator costs.

▶ **Instructions for lines 16 and 17 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32.

In columns (c) through (j), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

In column (m), report the total costs for drilling and equipping successful exploratory wells on properties which you operated. Include non-operator costs.

## ▶ III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

▶ **Line 16 — Oil wells** — Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

▶ **Line 17 — Gas wells** — Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

▶ **Line 18 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

▶ **Line 19 — Lease and land acquisition of non-producing acreage** — In columns (c) through (j), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus, and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

▶ **Line 20 — Land department, leasing, and scouting** — In columns (c) through (j), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing, and rentals which should be reported on lines 19 or 22.

▶ **Line 21 — Geological and geophysical** — In columns (c) through (j), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

▶ **Line 22 — Lease rentals** — In columns (c) through (j), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures, which should be reported on line 20, and advance rentals which are actually in the nature of a bonus, which should be reported on line 19.

▶ **Line 23 — Test hole contributions** — Report the net Company interest in all contributions made toward test wells, including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

▶ **Line 24 — Other exploration expenditures, including direct overhead** — Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially direct field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

▶ **Line 25 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and research and development (R&D) expenditures.

If engaged in activities other than oil and gas, include under this heading only that part of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

▶ **Line 26 — Total development expenditures** — In column (c), report the totals of lines 27, 32, 33, 34, 35, and 36.

▶ **Line 27 — Total drilling and equipping wells** — Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workovers which are to be reported on line 30. Enter in "remarks" estimates for the number of wells, additional footages, and cost for old wells drilled deeper and redrilled wells. Also exclude expenditures for service wells which are to be reported on line 34 or 35. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only.

NOTE: For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

▶ **Line 28 — Dry holes** — Report expenditures for casing, tubing, and wellhead fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures for drilling development dry holes.

In column (m), report the total costs for drilling and equipping development dry holes on properties which you operated. Include non-operator costs.

▶ **Instructions for lines 29 and 30 — Oil and gas wells** — Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (j), report the net Company interest in all expenditures for drilling successful development wells.

In column (m), report the total costs for drilling and equipping successful development wells on properties which you operated. Include non-operator costs.

▶ **Line 29 — Oil wells** — Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

▶ **Line 30 — Gas wells** — Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

▶ **Line 31 — Work-in-progress adjustment** — Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE: Data for lines 32, 33, 34, and 35 are to be combined for reporting in columns (k) and (l).

Continue on reverse side

### III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued

- Line 32 — Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation, including flow line, flow tanks, field separators, heater breakers, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment, including downhole installations required for primary production.
- Line 33 — Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value, relative to oil and gas operations. Do not include acreage originally acquired as nonproducing acreage which has been transferred to producing acreage when production was obtained.
- Line 34 — Fluid injection and improved recovery programs** — Include gas injection, water injection, steam injection, miscible phase, mistu combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells or converting existing wells to service wells, associated with such programs. Include pumps, compressors, engines, tankage, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells or other wells required for primary production operations. This is a component of other development expenditures, including direct overhead, line 35.
- Line 35 — Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines 27, 32, 33, or 34 which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for capital equipment constructed or purchased. Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.
- Line 36 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to development activities, excluding only those items which can be directly classified on line 35. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.
- General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.
- Line 37 — Total production expenditures** — Report on this line the totals of lines 38, and 42. Do not include expenditures applicable to gas processing plants or gas systems.
- Line 38 — Total direct operating expenditures** — Include operating and maintenance, well workover, and other direct expenses. For columns (c) through (j) report the totals of lines 39, 40 and 41.
- Line 39 — Operating and maintenance** — Report the net Company interest in normal daily operating expenses such as wages and transportation for field personnel directly associated with oil and gas production, materials and supplies consumed, and field office expenses as well as surface repair and maintenance on lease equipment. Also report all other operating and maintenance expenses except work over expense which is reported on line 40.
- Line 40 — Well workovers** — Report the net Company interest in all expenditures directly related to well workovers including expensed material, contract labor, etc.
- Line 41 — Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines 39 and 40. (Specify kind of expenditure in the "Remarks" section on page 3 of the report form.)
- Line 42 — Total indirect operating expenses** — Report on this line the totals on lines 43, 44, and 45.
- Line 43 — Ad valorem, production, and severance taxes** — Report the net Company interest in total payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the wellhead by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes which should be included on line 24, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line 35. Do not include State or Federal income taxes or Federal excise taxes.
- Line 44 — General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities, except those items which are included on line 38.
- General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.
- Line 45 — Other indirect expenses, including Federal excise taxes** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines 43 and 44. Report Federal excise tax expense attributable to the Crude Oil Windfall Profit Tax Act of 1980 including adjustments such as those resulting from the net income limitation provision. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

### IV. TOTAL EMPLOYMENT

- Line 46 — Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during the pay period. Exclude members of Armed Forces and pensioners carried on your active rolls. Include officers of this concern, if a corporation, if an unincorporated concern, exclude proprietor, or partners. Exclude employees of natural gas liquid plants, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliaries serving oil and gas field operations. A central administrative office is primarily engaged in general administrative supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing supporting functions of a service nature for the company itself rather than for the general public. Examples of auxiliaries are storage warehouses, garages, repair shops, research, development, and testing laboratories.

### V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS

- Column (b) and columns (f) through (j) — Total gross book value of fixed assets** — Enter the acquisition cost of the fixed assets on the books of this company. Report your own net company interest value before depreciation, depletion, and amortization of all oil and gas field assets, whether operated or nonoperated, excluding the value of any assets belonging to others. In column (b), report the beginning of the year figures and in columns (f) through (j) report the end of the year figures.
- If leases were acquired during the year, the value at the end of the year, columns (f) to (j), should represent your purchase cost adjusted for capital expenditures, column (c), and dispositions, column (d) since the time of purchase.
- Include used assets purchased during the year at their market value at the time of acquisition rather than at the prior owner's book value.
- Column (c) — Capital expenditures during the year** — Report the actual capital outlays during 1981, not the final value of expenditures put in place during the year. Capital expenditures during 1981 may be determined by the following computation: (a) the cost

### V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS — Continued

- Column (c) — Capital expenditures during the year — Continued**
- of additions completed during the year, plus (b) work-in-progress at the end of the year, minus (d) work-in-progress at the beginning of the year. Include labor and installation costs whether on contract or by your own labor force. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained. Do not include the cost of maintenance and repairs charged as current operating expenses. Report replacements as well as additions to capacity for new depreciable assets. Report the value of improvements and capitalized repairs to machinery and equipment. Report expenditures for old or existing facilities and for secondhand equipment acquired from others (including the U.S. Government). Include the value of assets such as producing leases acquired from other operating companies during the year at your company's purchase cost. This column should exclude that portion of item (b) charged to current accounts during the year.
- Column (e) — Asset reclassification adjustment** — Report the net adjustments in asset values necessary to balance beginning of the year to end of the year data for lines 49 to 58 when assets shift from nonproducing or work-in-progress categories. For example, adjustments are necessary to balance lines 50 and 53 when a leasehold changes from a nonproducing to a producing property (from column (b) to column (f)). Entries to work-in-progress categories may be negative or positive.
- Column (k) — Depreciation, depletion, and amortization charges during the year** — Report the reduction in value of depreciable, depletable, or amortizable assets (reported in column (f)) brought about through use, gradual obsolescence, the effects of the elements (decay or corrosion), oil or gas extraction, etc. Include charges against assets acquired or completed during the year (generally for oil and gas field properties in the production phase of operation). Report cost of depletion as an allocation of wasting investment rather than percentage or statutory depletion used for Federal income tax purposes.
- Column (l) — Accumulated depreciation, depletion, and amortization** — Report the balance of accumulated charges for depreciation, depletion, and amortization of assets carried on your bookkeeping records at the end of the year. This amount subtracted from column (f) should compute net fixed assets at the end of the year for lines 47 through 59.
- Instructions for lines 47 through 59**
- In lines 47 through 59, column (b) plus column (c) minus column (d) plus column (e) should equal column (f).
- Companies using the full cost method of accounting that do not maintain separate accounts for nonproducing, producing, and work-in-progress categories should make reasonable estimates of these breakdowns.
- Line 47 — Total fixed assets and other related accounts** — Report your own net company interest in columns (b) through (l), whether operated or nonoperated. Report on this line the sum of lines 48 and 59.
- Line 48 — Total oil and gas properties** — Report on this line the sum of lines 49, 52, and 56.
- Line 49 — Nonproducing properties** — Report on this line the sum of lines 50 and 51.
- Line 50 — Leaseholds** — Report the values of leases for undeveloped acreage and land held for exploration purposes. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands. Include the value of leaseholds for nonproducing properties where work is in progress.
- Line 51 — Other pre-development accounts** — Report all other capitalized values including geological and geophysical expenditures, land department cost, etc., relating to undeveloped acreage. Companies using the full cost accounting method should include capitalized dry hole values for unproven leases.
- Line 52 — Producing properties** — Report the values of properties which are producing, including shut-in leases. Report on this line the sum of lines 53, 54, and 55.
- Line 53 — Leaseholds** — Report values of leases and land for producing acreage. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands.
- Line 54 — Intangible drilling and development accounts** — Report values from capitalized intangible drilling and development accounts. Include wages, fuel, repairs, hauling, and supplies, incident to and necessary for the drilling of wells and the preparation of wells for production of oil and gas. Costs of drilling or development work done by contractors are also intangible drilling and development costs.
- Line 55 — Lease and well equipment** — Report values for tangible well equipment such as casing, tubing, wellhead fittings, etc., and lease equipment such as flow tanks, field separators, heater treaters, and related field facilities. Include drilling and production platforms. Exclude mobile drilling rigs, transportation equipment, and field service equipment which should be reported on line 59. Values for items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines, lease gas gathering lines not part of gasoline or cycling plants, etc. should be included.
- Line 56 — Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but is not yet completed at year end. Report on this line the sum of lines 57 and 58.
- For new construction on other improvement projects in progress but not yet completed, include in the value of fixed assets the cumulative capital expenditures for such projects already in place at the beginning and end of the year, respectively. These accounts are not usually carried in depreciation, depletion, and amortization categories. Exclude the value of nonproducing leaseholds which should be reported on line 50.
- Line 57 — Intangible drilling and development accounts** — Report the value of work-in-progress accounts for capitalized intangible drilling and development operations. Also see line 54 instructions.
- Line 58 — Lease and well equipment** — Report values for tangible lease and well equipment for leases where work is in progress but wells and other lease facilities are not yet completed for production.
- Line 59 — Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line 48. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for offices, canteens, change rooms, etc. Include a pro rata share of the value of centralized computer facilities used to monitor and control production, to optimize drilling rates or drilling mud mixtures, etc. Exclude non-field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

### VI. DRILLING — PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR

For lines 60 through 71, columns (c) through (g), report the number of gas wells, oil wells and dry holes completed during the report year and the respective footage drilled on the basis of your net company interest in the wells. For example, if your company's share in the cost of drilling and equipping a well is on a 50 percent working interest basis and the well is drilled to total depth of 10 thousand feet, measured along the well bore, your company should report 0.5 well and 5 thousand feet of related footage drilled. The sum of your fractional interest for the number of wells should be rounded to the nearest tenth, i.e., 10.7 wells. For columns (c) through (g), report the gross number of wells and footage drilled for which you were the operator. For reasonableness checks, the number of wells and footage drilled data should be related to the expenditures reported under columns (c) through (g) and (m) for lines 15, 16, 17, 28, 29, and 30, e.g., calculate average cost per foot and per well. Also compute average depth per well.

### VII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS

Report total expenditures during the year for drilling and production platforms, whether such platforms were located on inland waters or offshore. Drilling platform expenditures should be included in expenditures for drilling and equipping exploratory and development wells under lines 14 through 18 and lines 27 through 31. Expenditures for production platforms should be included under line 32. However, expenditures for drilling platforms and production platforms also should be reported under lines 72, 73, and 74.

**IMPORTANT  
NOTE**

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170.

## Appendix B. MA-13K(S) Form and Instructions

### PENALTY FOR FAILURE TO REPORT

**DUE DATE: APRIL 15, 1982**

O.M.B. No. 0607-0174: Approval Expires July 31, 1984

FORM **MA-13K(S)**  
(10-16-81)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

# 1981 ANNUAL SURVEY OF OIL AND GAS

Complete and return this form  
in the envelope provided to



Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

**NOTICE** - Response to this inquiry is required by law (title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this establishment's report  
please refer to the file number above your name.

(Please correct any error in name and address including ZIP code)

## EMPLOYER IDENTIFICATION NUMBER

Enter your identification number used on your latest Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) \_\_\_\_\_

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**ORGANIZATIONAL STATUS** – Mark (X) the ONE box which best describes this company during 1981

- 1 ☐ Individual proprietorship  
2 ☐ Partnership  
0 ☐ Corporation (Do not mark if any form of cooperative association)  
8 ☐ Cooperative association (corporate or noncorporate)  
9 ☐ Other — *Specify* \_\_\_\_\_

## INSTRUCTIONS

This report covers domestic oil and gas field operations within the United States and adjacent offshore areas. Include on a consolidated basis in this report data for oil and gas field properties operated by all subsidiaries and divisions of your company. Subsidiaries and their Employer Identification Numbers should be listed in the "Remarks" section of this form or on an additional sheet of paper.

### ► Who Should Report?

Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others are required to submit data. "Operation" includes production and maintenance activities as well as efforts limited solely to finding or developing oil and gas reserves.

### ► How Should Data Be Rounded?

Data should be rounded to the nearest whole number for the unit of measure requested. For instance 125,223 barrels of crude petroleum should be reported 125 rather than 125.2 or 125.223.

### ► How Should Wells Be Classified?

The classification of exploration and development wells should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

### ► What Period Should Be Reported?

This report should cover the calendar year. A report is required even if the concern operated leases only part of the year.

Report multiple completion wells completed in both oil and gas reservoirs as oil wells. Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements.

If book figures are not available, carefully prepared estimates are acceptable. For clarification of instructions or for resolution of other reporting problems, please write to the Bureau of the Census, Industry Division or call Frank Roy at (301) 763-7170.

## 1981 ANNUAL SURVEY OF OIL AND GAS

**Item I – PRODUCTS – CRUDE PETROLEUM (INCLUDING LEASE CONDENSATE) AND NATURAL GAS SALES**

Report the total quantity and value (f.o.b. well) of products shipped from leases that your concern operated. Include production payment, royalty, and nonoperating working interest shares. Report the volume of raw (wet) natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting.

	LN	Unit of measure	Quantity	Value (Thousand dollars)
	1	(a)	(b)	(c)
Crude petroleum, including lease condensate (Report volumes corrected to 60 degrees Fahrenheit.)		Thousand barrels	01115	06114 \$
Natural gas (Adjust all volumes to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.)	2	Million cubic feet	04119	09118 \$

**Item II – TOTAL EMPLOYMENT**

Report oil and gas field employees who worked or received pay for any part of the pay period including March 12. Exclude proprietors or partners. Include persons on paid sick leave, holidays, and vacations during the pay period; exclude members of armed forces and pensioners carried on your active rolls. Include officers of the concern, if incorporated.

3  
Number  
46110

**Item III – WELLS DRILLED AND COMPLETED DURING THE YEAR**

Report the footage drilled at the deepest total depth. Report the total costs of drilling and equipping wells. Include costs for labor, supplies, water, fuel, casing, tubing, wellhead fittings, site preparation, road building, drilling hole, cementing casing, hauling materials, etc. Deduct the value of material salvaged after use. Do not reduce costs by test well and dry hole contributions.

Kind of wells drilled	EXPLORATION			DEVELOPMENT		
	Number of wells (a)	Footage (Thousand feet) (b)	Costs (Thousand dollars) (c)	Number of wells (d)	Footage (Thousand feet) (e)	Costs (Thousand dollars) (f)
Oil	4 62067	63065	16113 \$	68064	69062	29116 \$
Gas	5 64063	65060	17111 \$	70060	71068	30114 \$
Dry	6 60061	61069	15115 \$	66068	67066	28118 \$

**Item IV – REMARKS****Item V – PERSON TO CONTACT REGARDING THIS REPORT**

Name (Please print)	Title	Telephone		
		Area code	Number	Extension

**Item VI – CERTIFICATION** – This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized official	Title and organization	Date
----------------------------------	------------------------	------

## Appendix C. Description of Survey Sample

For gross operator basis statistics, the 1981 Annual Survey of Oil and Gas used two samples. A listing from the 1977 Census of Mineral Industries, which arrayed companies in ascending order of total value of crude petroleum and natural gas shipments, was the universe from which the primary sample was selected. This primary universe consisted of those companies classified as operators of crude petroleum and natural gas fields (companies primarily engaged in exploration, development, and production activities of crude petroleum and natural gas fields for their own account), as well as oil and gas field service companies which shipped crude petroleum or natural gas as a secondary activity. The companies selected for the primary sample accounted for 93 percent (uninflated) of the total value of crude petroleum and natural gas shipped in 1977.

In addition to this primary sample, a supplemental sample was selected from a universe of companies that were in the 1978 American Association of Petroleum Geologists/American Petroleum Institute well ticket file but were not part of the 1977 Census of Mineral Industries universe. This supplemental sample was initiated to obtain representative data for companies that did not have a chance of being selected in the primary sample. Many of these companies were not in scope of the 1977 Census of Mineral Industries by definition, e.g., they did not have paid employees or may have been inactive during the census year. Companies that were smaller than the selected cutoff levels for the various economic censuses also could have been engaged in oil and gas field operations but had been exempted from census reporting in order to reduce the respondent burden of small businesses.

The primary sample is the sole source of data for net company interest statistics. The primary sample was augmented by the addition of about 40 companies with large nonoperating working interest identified in trade literature or in special coverage questionnaires sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

As part of the primary sample selection, a certainty universe was first defined based upon three variables, namely the sum of crude petroleum and natural gas sales, drilling costs, and footage. Any company whose value for at least one of these variables exceeded designated cut-off limits was automatically included in the sample panel. For the remaining companies, a random sample was selected with probabilities proportionate to assigned measure of size (PPS). Measure of size was defined to be the sum total of crude petroleum and natural gas sales. Similarly, for the supplemental universe, a certainty stratum was defined based upon a cut-off value for total depth drilled. Companies whose value exceeded the cut-off were included in the sample with certainty. For the remaining companies of

the universe, a random sample was drawn with probabilities proportionate to total depth drilled.

An additional sampling operation is performed each survey year in order to bring in a representative sample of new companies (births) that have begun operations during the survey year and which consequently have had no previous chance for inclusion in the oil and gas panel. A birth universe is identified each year from the Census Bureau's master establishment file, the Standard Statistical Establishment List (SSEL). Due to the timing of the selection process, the births identified actually overlap the current survey year and the previous year, but they do approximate the births for a one year time interval: e.g. they may represent second, third, and fourth quarter births from the previous survey year and first quarter births from the current period. A random sample is drawn from the universe frame again using PPS sampling. Since the amount of data on the SSEL file is limited, our practice has been to use annual payroll as the measure of size. Concurrent with this birth operation, the supplemental sample is reviewed and companies that would result in duplicative representation between the primary and supplemental universe estimates are deleted from the supplemental sample.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate company weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.
2. Analytical tabulations where the companies are grouped according to percentage-size classes, and totals are derived for each group by summing the weighted data across all companies in the group.
3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for statistics comprising the basic tabulations. Based on independent PPS sampling, the variance ( $\sigma_{x'}^2$ ) estimator used was

$$\sigma_{x'}^2 = \sum_h W_h (W_h - 1) X_h^2$$

where

$W_h$  =  $h_{th}$  company weight,

$X_h$  = unweighted value for the  $h_{th}$  company.

Relative standard errors ( $V_{X'}$ ) were then obtained by the formula

$$V_{X'} = \frac{\sigma_{X'}}{X'},$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the analytical tables. The concentration table estimates are based on the 200 companies of highest rank, of which almost all are included in the sample with certainty. For this reason, there is virtually no sampling error associated with these estimates.

## Appendix D. Qualifications of the Data

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, range which could be

expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimates for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimates for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimates, almost always.

Table D-1 contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 includes the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

Table D-1. Selected Statistics and Relative Standard Error Estimates: 1981

Item	Gross operator		Net company interest	
	Millions of dollars	Relative standard error estimates (percent)	Millions of dollars	Relative standard error estimates (percent)
Crude petroleum and condensate . . . . .	96,600.5	1	75,255.9	2
Natural gas . . . . .	44,621.6	2	30,248.9	2
Assets (end of year) . . . . .	(X)	(X)	196,569.7	1
Drilling expenditures:				
Exploration dry holes . . . . .	8,381.2	3	5,844.3	3
Exploration oil wells . . . . .	3,491.9	6	2,437.4	6
Exploration gas wells . . . . .	5,026.0	3	3,396.6	2
Development dry holes . . . . .	2,280.7	6	1,512.8	10
Development oil wells . . . . .	8,622.7	6	6,209.9	6
Development gas wells . . . . .	8,098.2	10	6,252.2	9

(X) Not applicable.



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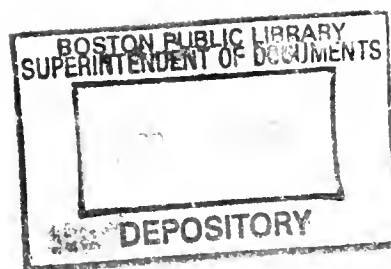
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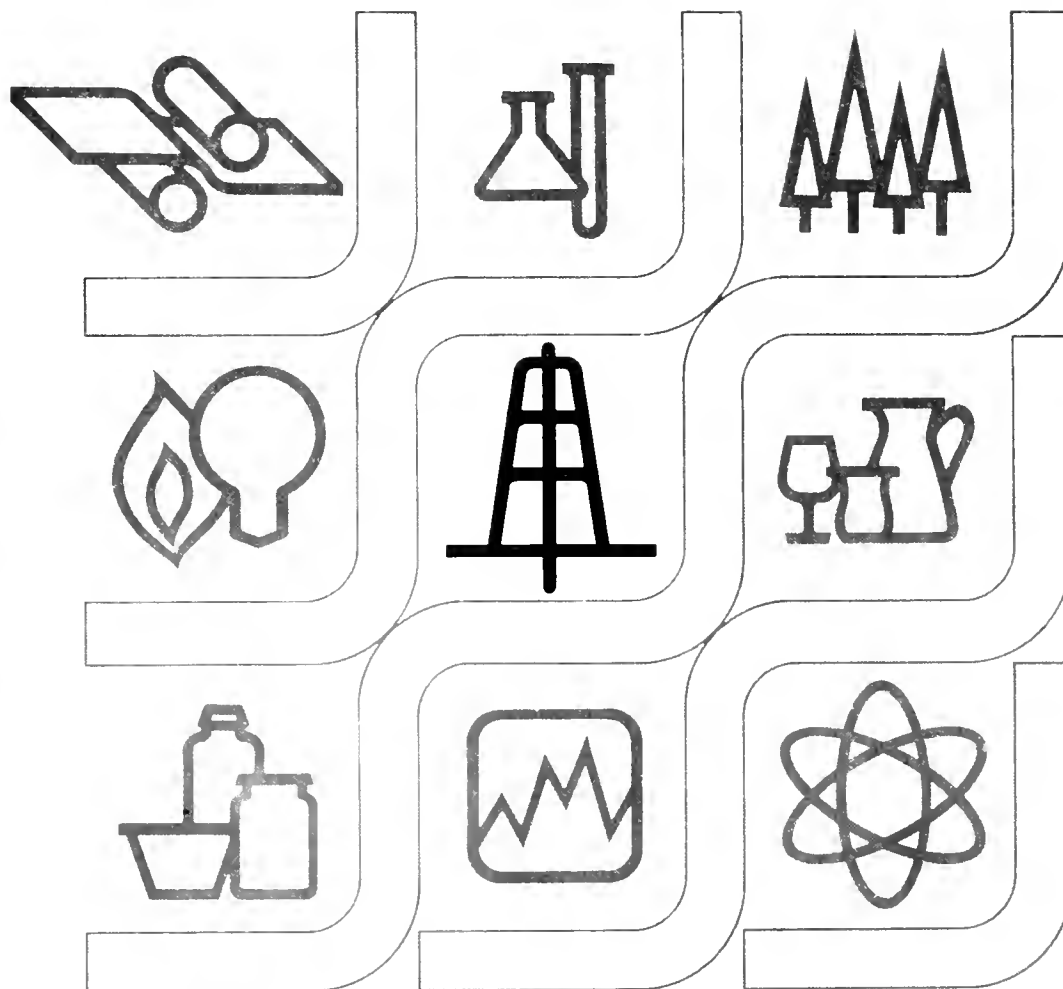
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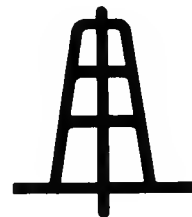




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INDUSTRY DIVISION  
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# Introduction

## GENERAL

This report contains statistics on oil and gas field exploration, development and production from the 1982 Annual Survey of Oil and Gas. The 1982 survey is the tenth of an annual series conducted by the Bureau of the Census to provide key measures of domestic oil and gas field activity. This survey focuses on exploration expenditures which represent efforts put forth to find new or extend known oil and gas reserves, development expenditures which measure activities to develop productive capacity from proven reserves, and production expenditures which measure the operation and maintenance activities at producing properties.

The data in this report were collected on two bases: gross operator and net company interest. Under gross operator, individual companies responsible for the management and day-to-day operation of oil and gas field leases were requested to include data for all properties operated irrespective of ownership interest; thus gross operator statistics include working interest, production payments, and royalty interest of all owners. Net company interest statistics represent the net ownership share of concerns which had operating or nonoperating working interest in oil and gas field leases. The major portion of the Annual Survey of Oil and Gas is concerned with financial statistics reported on a net company interest basis since the industry's bookkeeping records are primarily maintained on an ownership basis. Gross operator based statistics are presented in this survey in order to provide statistics that are comparable with oil and gas field operator statistics from the census of mineral industries. Measures which relate to employment are more appropriately collected on an operator rather than on an ownership basis due to extensive arrangements in the oil and gas industry whereby concerns operate properties owned by others.

Two questionnaires were used to collect data for this survey: Form MA-13K and Form MA-13K(S). Copies of these forms are shown in Appendixes A and B. Form MA-13K surveyed data on both gross operator and net company interest bases. Form MA-13K(S) was surveyed solely on a gross operator basis.

The census of mineral industries company list formed the universe from which the Form MA-13K respondents were selected. The Form MA-13K sample has been designated the primary sample. From 1979 to 1981, an abstract of companies from the American Association of Petroleum Geologists/American Petroleum Institute's well ticket file was the universe from which Form MA-13K(S) respondents were selected. This supplemental sample was introduced to augment coverage of drilling statistics. In the 1979 and 1980 publications of this survey, separate primary and supplemental survey results were presented in order to provide a basis for linking 1979 and 1980 gross operator basis survey results with 1973 through 1978 figures

which were limited solely to primary sample results. See appendixes C and D for further detail on sample design and qualifications of data.

Statistics presented for operators will be greater for the same or similar items than for net company interest figures in this survey for several reasons. First, the Form MA-13K(S) respondents were not requested to report net company interest data. Second, the census of mineral industries from which the primary sample was selected does not include companies that were solely royalty and non-working interest holders, therefore, a representative sample of such concerns could not be obtained.

The tables in this report are essentially of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies (Tables 3, 4, 5, 7, 9, and 10).
2. An analytical tabulation where the companies are grouped according to percentage size classes, and totals are derived for each group by summing the weighted data across all companies in the group (Table 11).
3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group (Tables 1, 2, 6A, 6B, and 8).

The information in the following text is based on statistics that appear in Tables 1, 2, 4, 5, 6A, 6B, 7, 9, 10, and 11. All monetary figures in the text and tables are shown in current dollars. Numbers may not add up to total due to independent rounding.

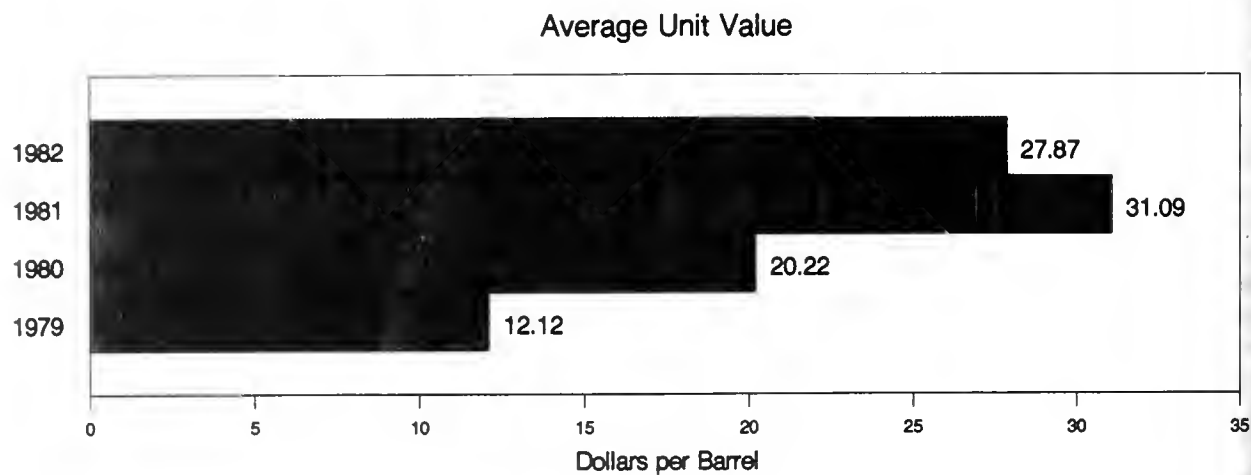
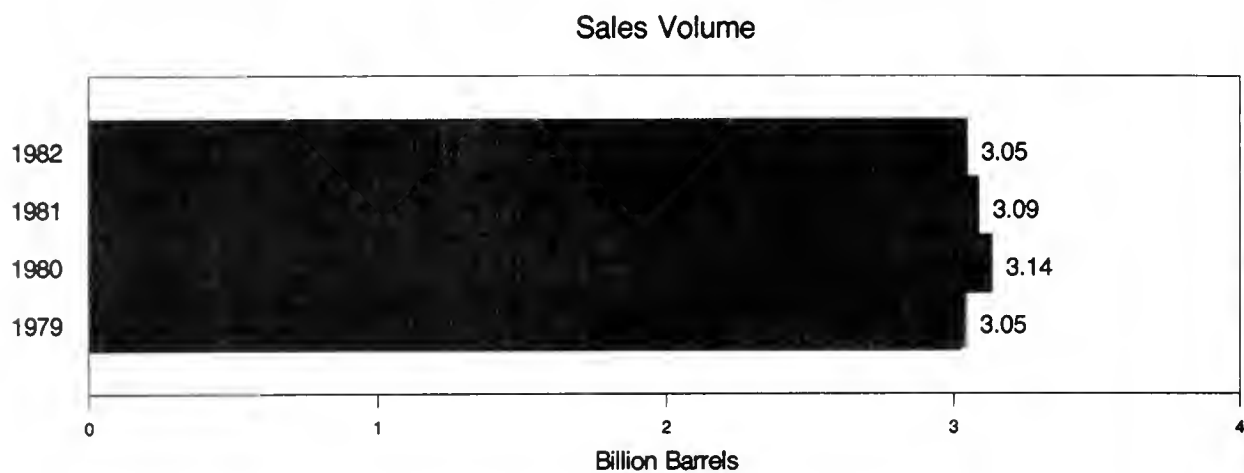
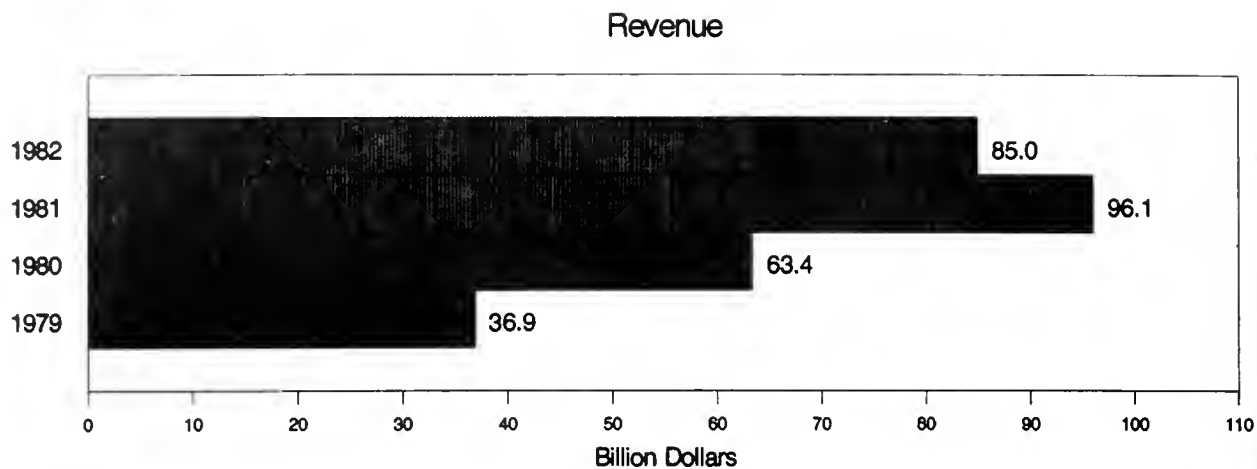
## GROSS OPERATOR BASED STATISTICS

### Revenues, Volumes, and Expenditures

Revenues for crude petroleum, condensate, and natural gas on a gross operator basis amounted to \$133,141 million in 1982, a decrease of 5 percent from the 1981 figure of \$140,737 million.

Crude petroleum and condensate accounted for 64 percent of 1982 revenues and amounted to \$84,968 million, this compares to 68 percent of the revenues for 1981. The 1982 gross operator sales volume of 3,048 million barrels of crude petroleum and condensate was 2 percent below the 1981 level of 3,092 million barrels. The average unit value of crude petroleum decreased from \$31.09 to \$27.87 per barrel, or 10 percent between 1981 and 1982. These changes are illustrated in Chart A.

## CHART A.

**Revenue, Sales Volume, and Average Unit Value  
for Crude Petroleum/Condensate: 1979 to 1982****(Gross Operator Basis)**

Revenues for natural gas increased 8 percent, to \$48,173 million from 1981 to 1982. During the same period natural gas unit values increased by 17 percent. Natural gas sales volumes decreased by 8 percent, from 20,252 billion cubic feet in 1981 to 18,622 billion cubic feet in 1982. These changes are illustrated in Chart B.

Chart C shows that the total expenditures for drilling and equipping wells that were completed during 1982 reached \$38,461 million. This was a 7 percent increase over the 1981 figure of \$35,901 million. In 1982, expenditures for completed development wells amounted to \$19,927 million while expenditures for completed exploration wells were \$18,534 million. In each year since the surveys inception in 1973, expenditures for completed development wells exceeded those for exploration well completions.

From 1973 to 1975, expenditures for completed oil wells slightly exceeded expenditures for completed gas wells. Between 1976 and 1982, expenditures for completed gas wells exceeded expenditures for completed oil wells. Expenditures for all gas wells completed during 1982 amounted to \$15,261 million, while expenditures for all oil wells completed were \$11,564 million. (See Chart C.)

A number of factors such as expected product prices, estimates of recoverable reserves, and estimated costs determine whether or not a well can be operated economically. A dry hole is defined as a well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.<sup>1</sup> This category, in conformance with standard industry nomenclature, includes wells that are temporarily abandoned even though substantial quantities of oil and gas may have been discovered. Separate data for temporarily abandoned wells are not available.

The number of wells completed during 1982 (63,636) accounted for 358,455,000 feet drilled. The number of wells completed and their corresponding footages drilled decreased 7 and 5 percent, respectively, from their 1981 levels. Concurrently, costs of drilling and equipping wells increased 7 percent from 1981 to 1982. Chart D illustrates that while most of the footage drilled was accomplished by smaller companies, larger companies drilled deeper wells and had higher costs per foot for their drilling and equipping operations.

## NET COMPANY INTEREST BASED STATISTICS

### Revenues, Volumes, and Expenditures

Revenues credited to the account of oil and gas companies for sales of crude petroleum and condensate totaled \$67,194 million in 1982 with a volume of 2,432 million barrels. Natural gas revenues were \$32,442 million with a quantity of 13,251 billion cubic feet.

<sup>1</sup>Standard Definitions for Petroleum, Statistics, Technical Report No. 1, American Petroleum Institute, Third Edition, 1981.

Of the 2,432 million barrels of crude petroleum and condensate, 1,578 million barrels were produced from leases containing only oil wells, 101 million barrels (condensate) were produced from gas leases, and 754 million barrels were produced from leases containing both oil and gas wells. A similar breakdown of the 13,251 billion cubic feet of natural gas showed that 8,753 billion cubic feet were produced from leases containing only gas wells, 1,327 billion cubic feet (casinghead gas) were produced from leases containing only oil wells, and 3,171 billion cubic feet were produced from leases containing both oil and gas wells.

Of the 1982 total expenditures of \$91.8 billion, exploration accounted for \$27.9 billion; development, \$25.9 billion; and production, \$38.1 billion (See Chart E). While exploration, production, and total expenditures decreased 10, 11, and 7 percent; respectively, development expenditures increased 3 percent since 1981. The revenue base subject to Federal excise taxes on crude petroleum production was less in 1982; and consequently, the production expenditure category including such taxes also decreased. These taxes were reported within "Other indirect (production) expenses including Federal excise taxes," Item III.C2c on the form, which decreased from \$20.6 billion in 1981 to \$14.0 billion in 1982.

The changes in the relationship of expenditures to revenue since 1978 by company size groupings are shown in Chart F. From year to year there have been variations in the expenditures to revenues relationships by different size groups. Generally smaller companies tended to have higher percentages of expenditures to revenues than larger companies (Compare the group of companies ranked 101 to 150 with the largest 24 companies).

### Company Distributions

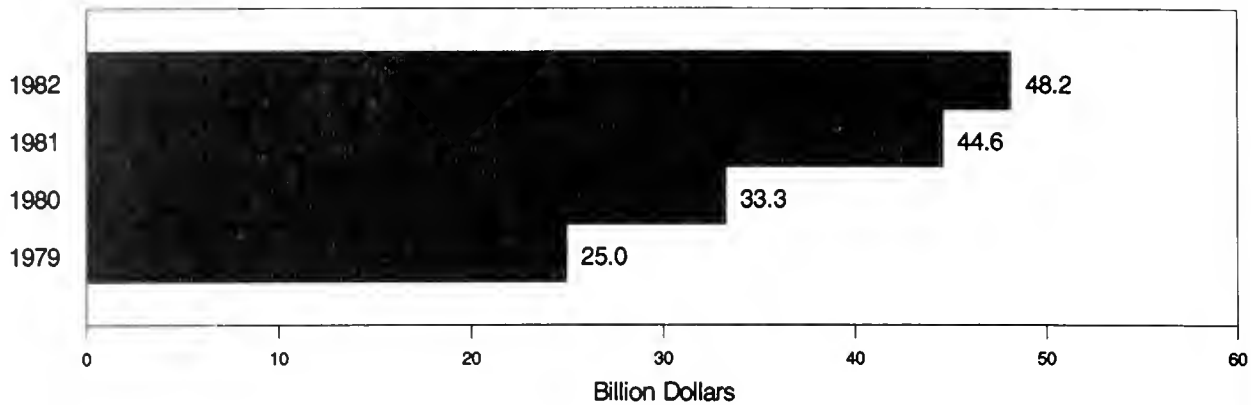
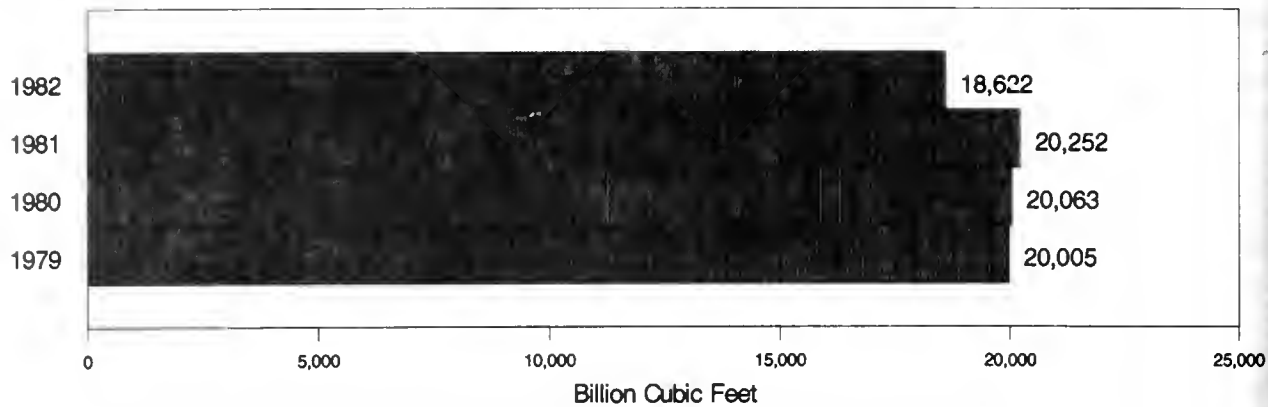
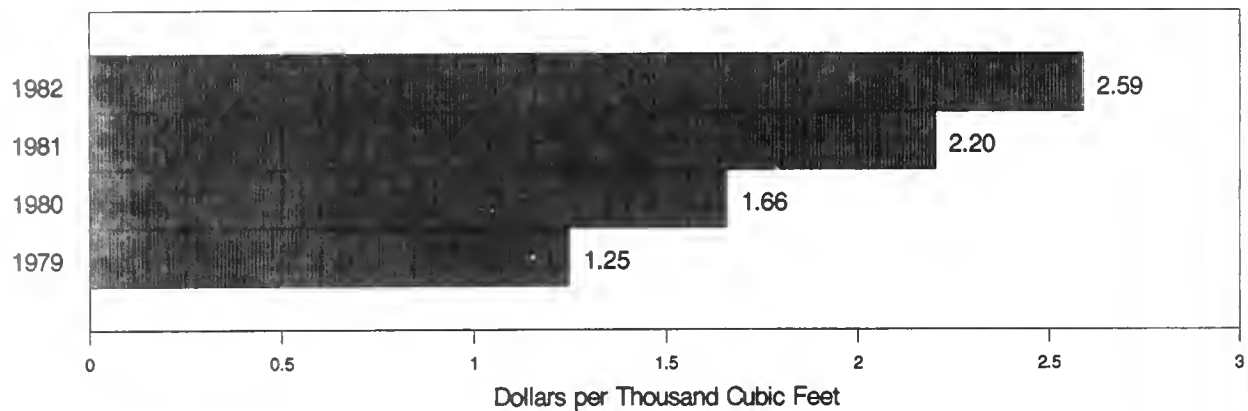
Chart G shows oil and gas revenues and assets (end of year) for the largest 8 companies, the next 24, and all other companies ranked by their net company interest lease revenues. The domestic oil and gas revenues of the largest eight companies amounted to \$43.2 billion in 1982 or 43 percent of all net company interest oil and gas revenues. When revenues accruing to nonoperating interest holders are included in the total revenue figure, the largest eight companies' ownership share was 33 percent.

The relative share of the industry's assets owned by the largest eight companies remained approximately the same. At the beginning of the year, assets of \$74.1 billion amounted to 37 percent of the industry's total. By the end of the year, assets had increased to \$86.9 billion, and still amounted to 37 percent of the industry's total (See Chart G).

### Geographic Distributions

Chart H presents the distribution of lease revenues and assets between the onshore and offshore lower 48 States and Alaska for 1978 through 1982. In 1982, Alaska lease revenues of \$11.2

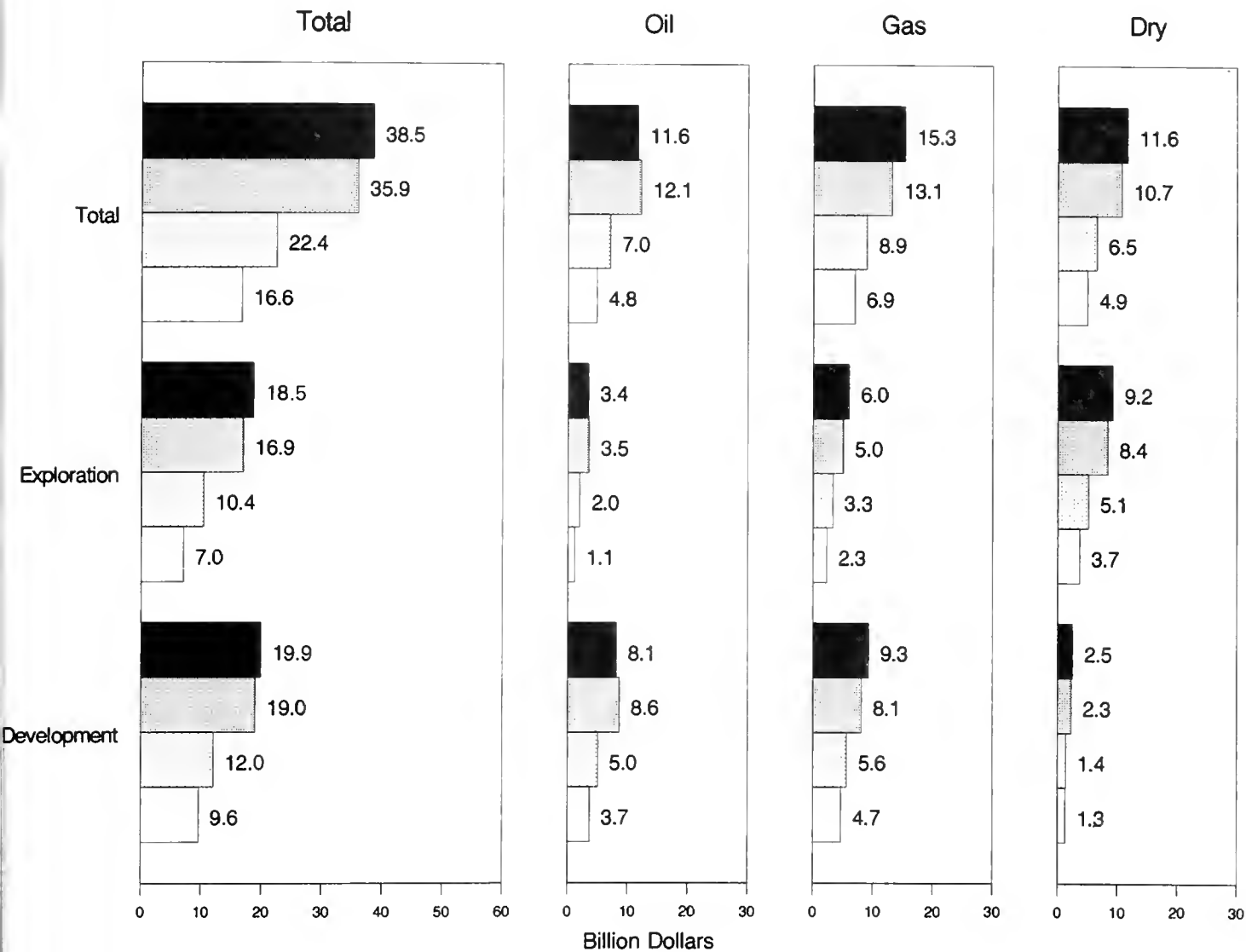
## CHART B.

**Revenue, Sales Volume, and Average Unit Value  
for Natural Gas: 1979 to 1982****(Gross Operator Basis)****Revenue****Sales Volume****Average Unit Value**

# Expenditures for Wells Completed During the Year by Well Type: 1979 to 1982

(Gross Operator Basis)

Key

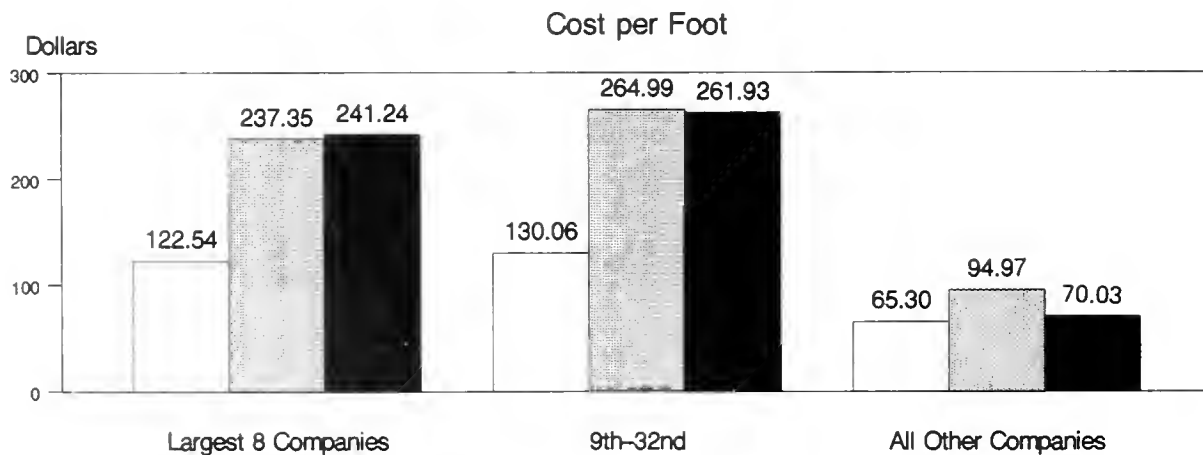
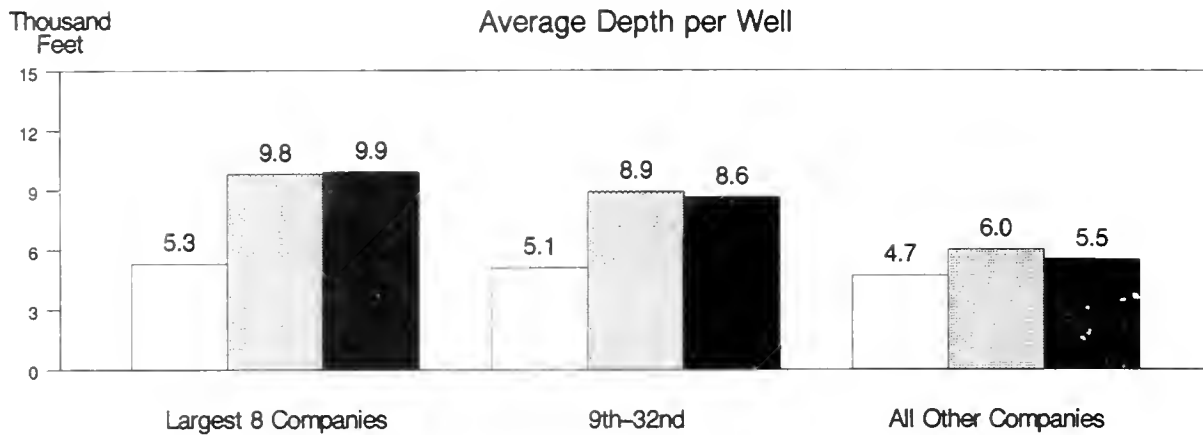
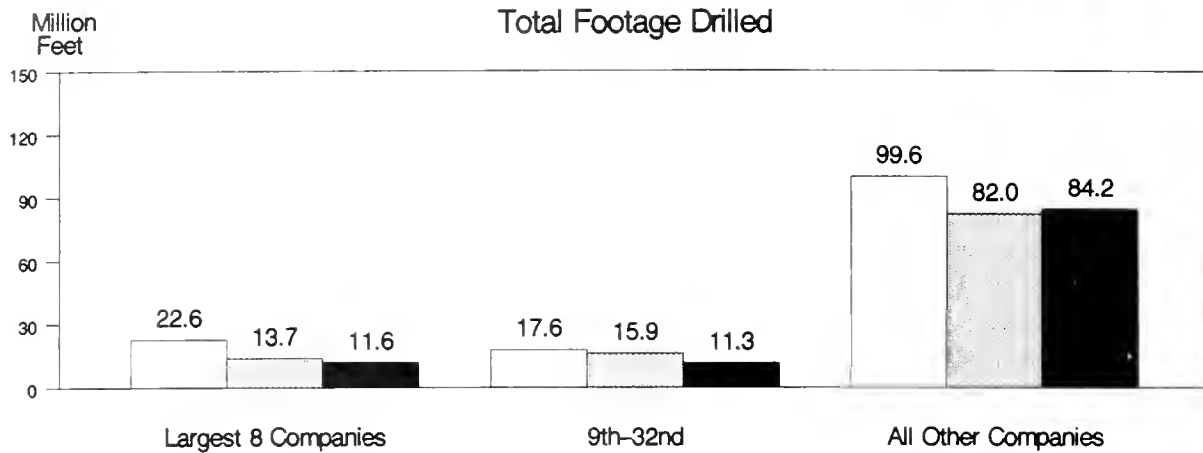
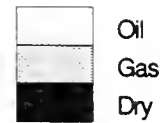


## CHART D.

**Drilling Statistics for Companies  
Ranked by Total Lease Revenues: 1982**

(Gross Operator Basis)

Key

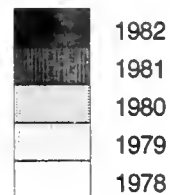
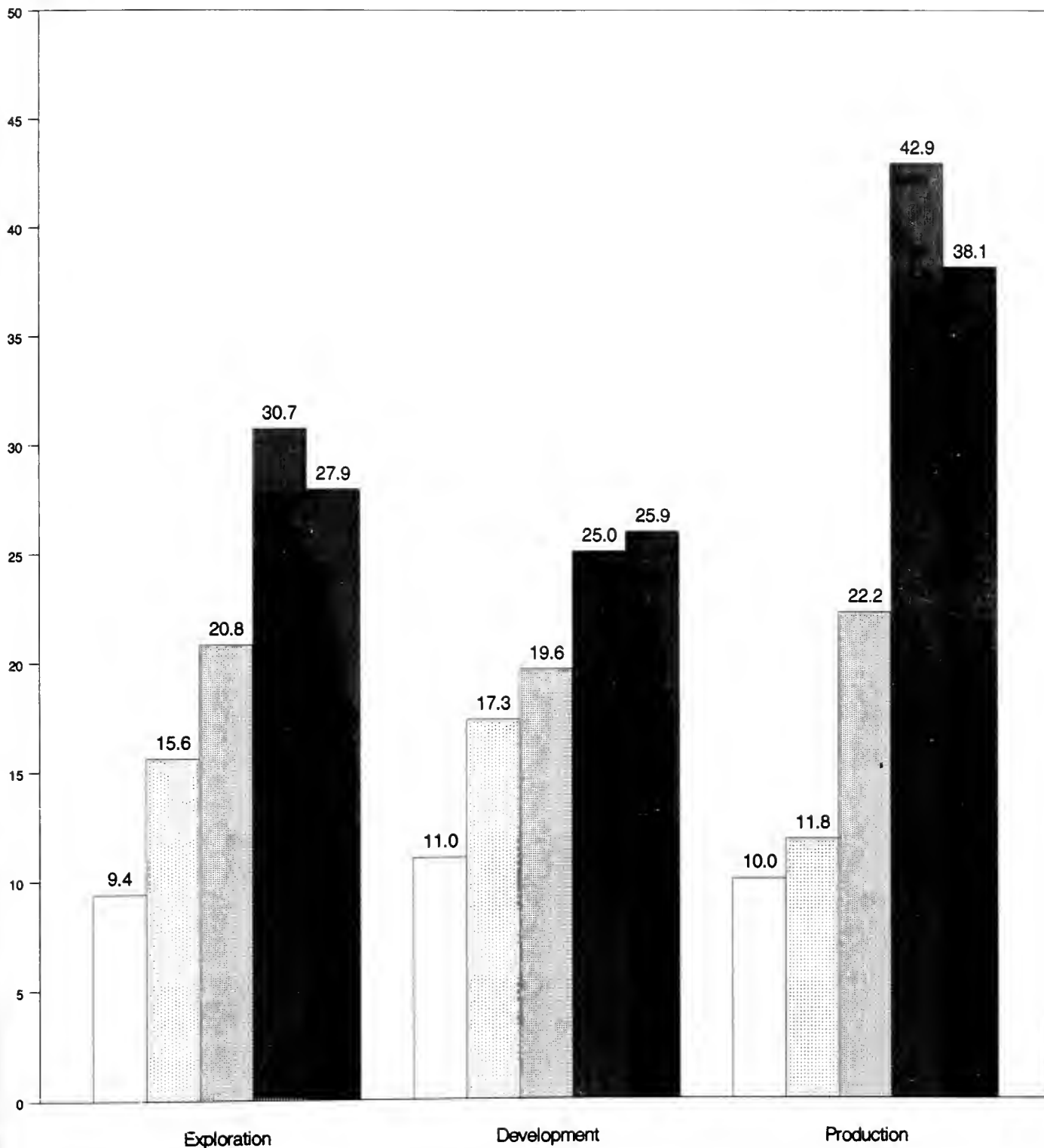




## CHART E.

**Exploration, Development, and Production  
Expenditures: 1978 to 1982****(Net Company Interest)**

Key

Billion  
Dollars

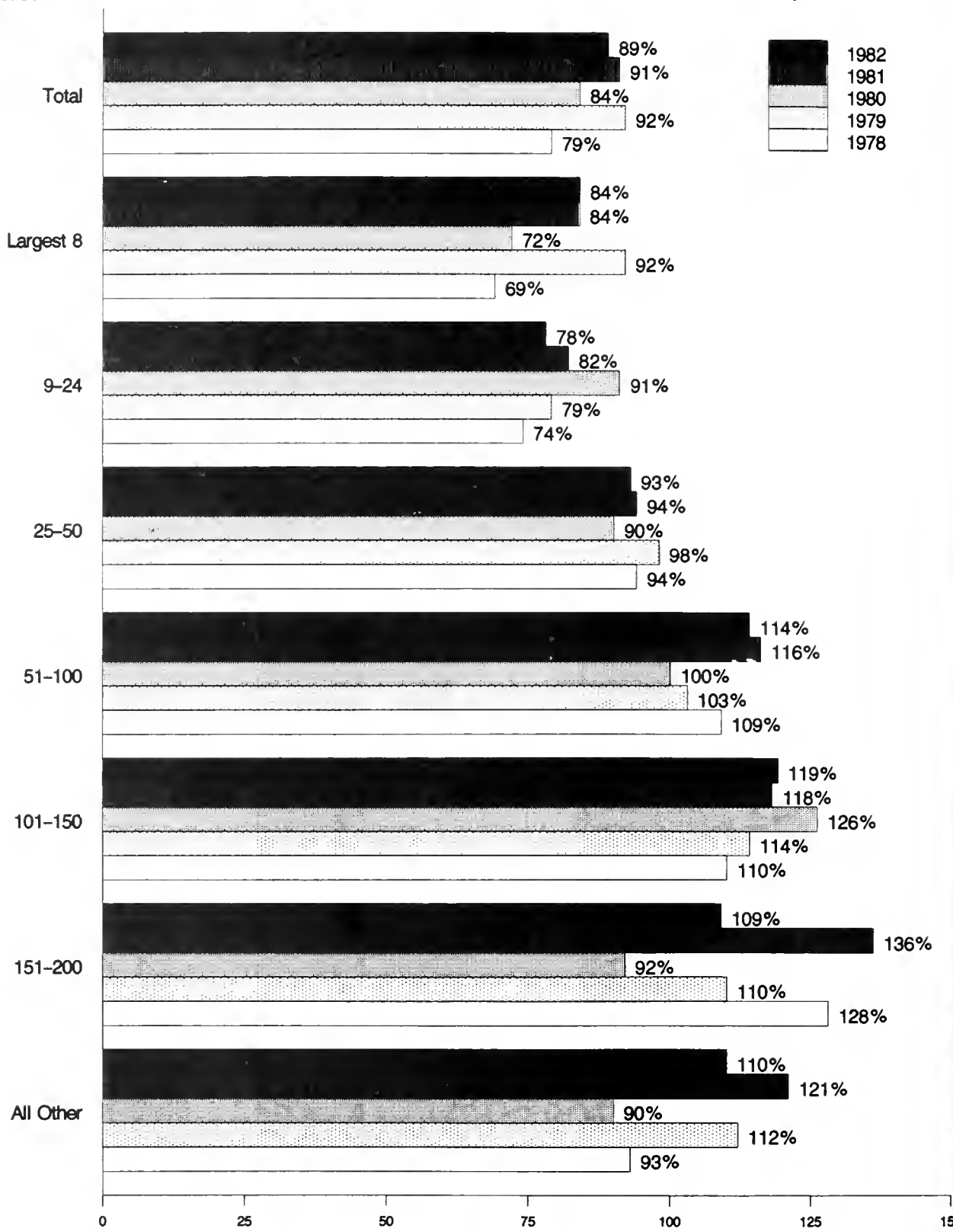
## CHART F.

Exploration, Development, and Production Expenditures  
as a Percentage of Revenues: 1978 to 1982

(Net Company Interest)

Companies Ranked  
by Total Lease  
Revenues

Key



## CHART G.

# Oil/Gas Revenues and Assets for Companies Ranked by Total Lease Revenues: 1978 to 1982

(Net Company Interest)

Key

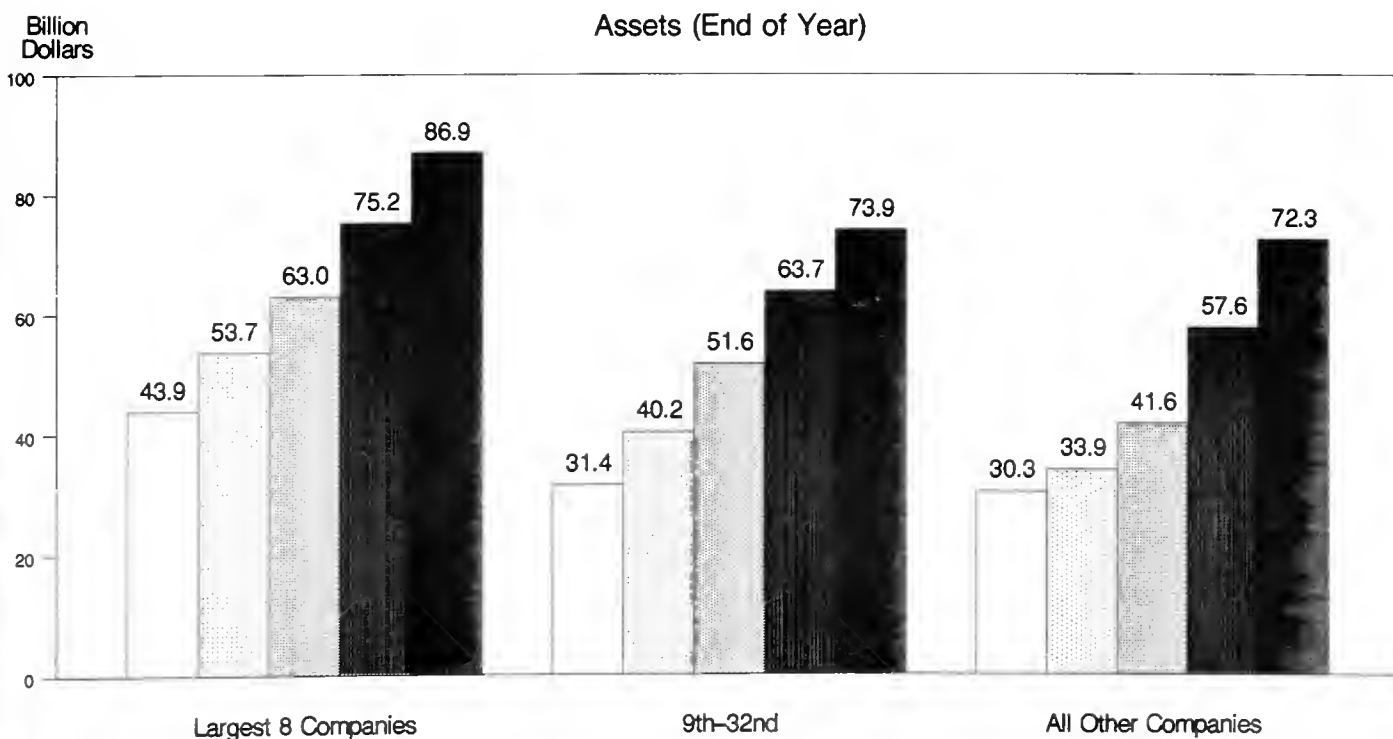
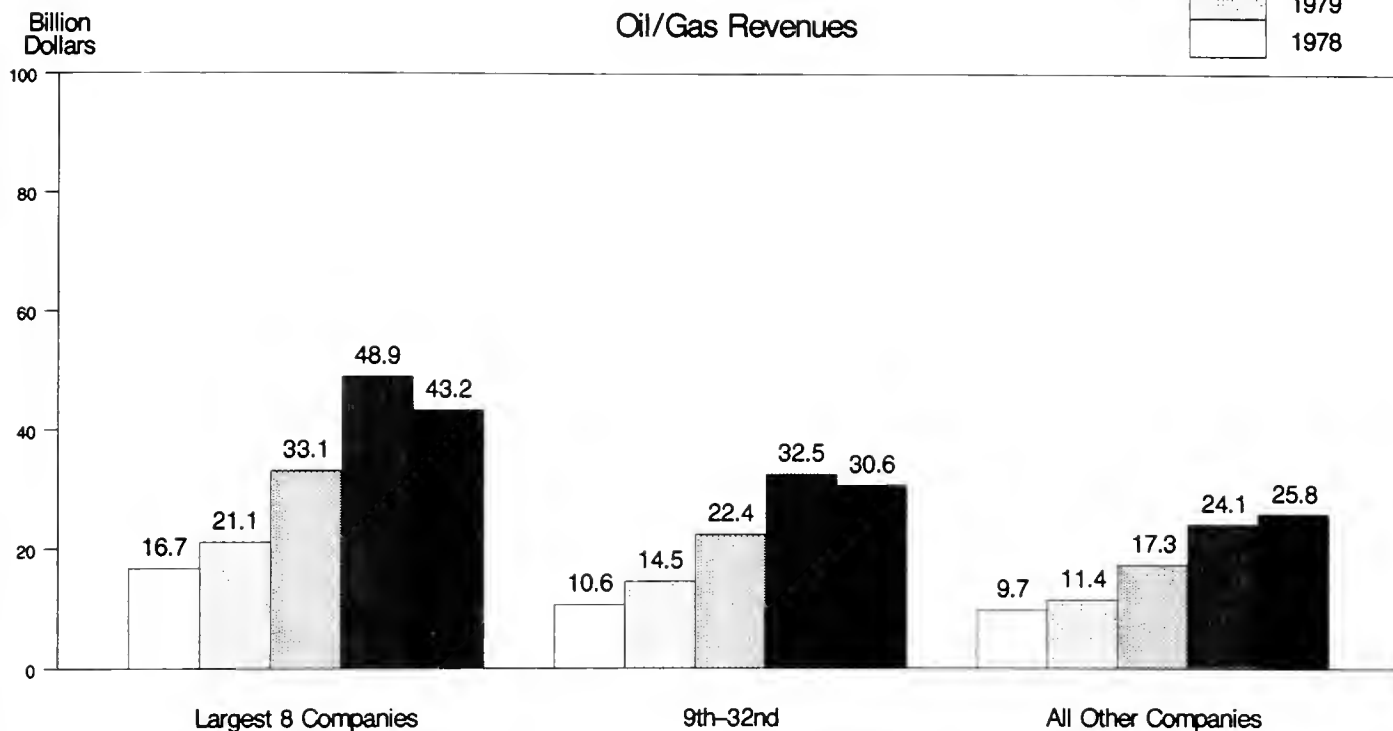
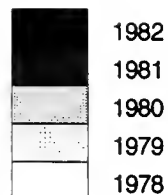
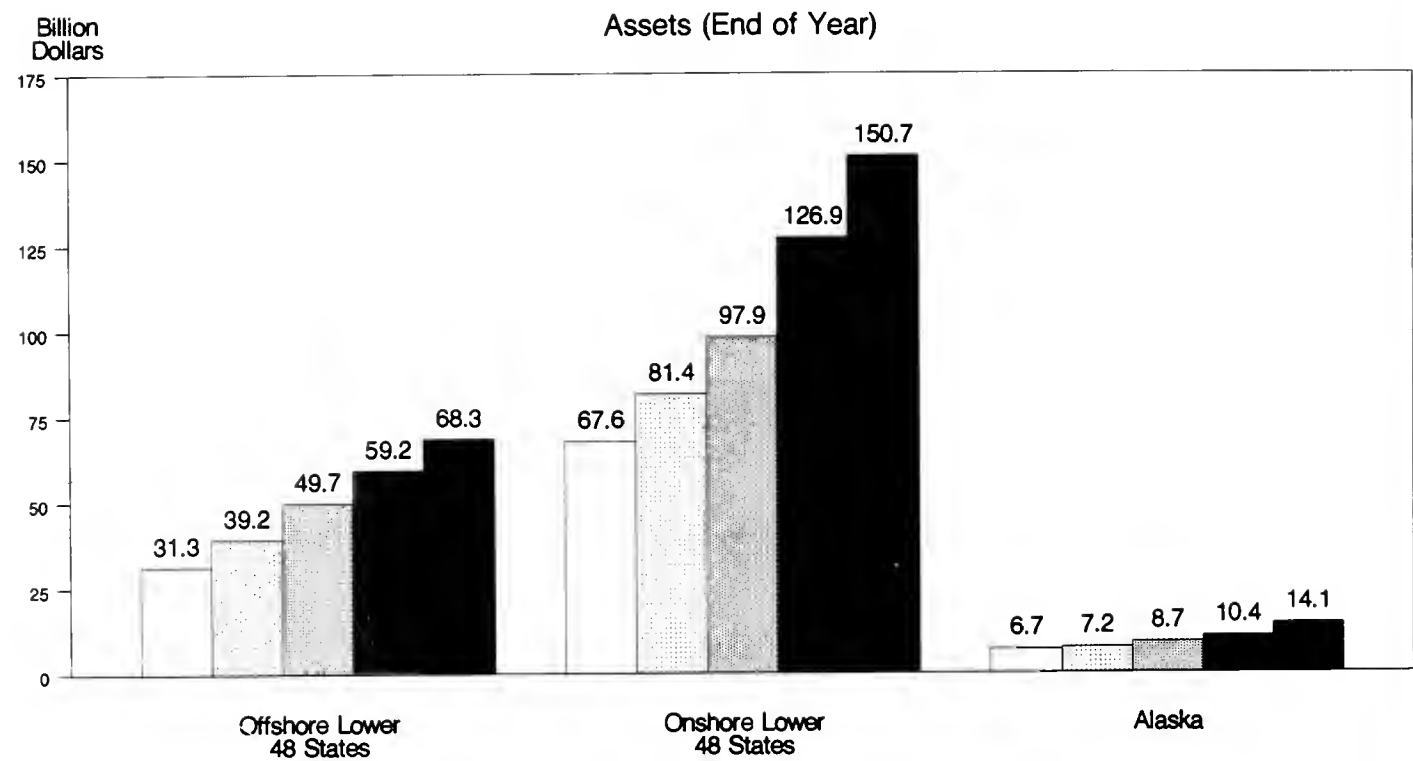
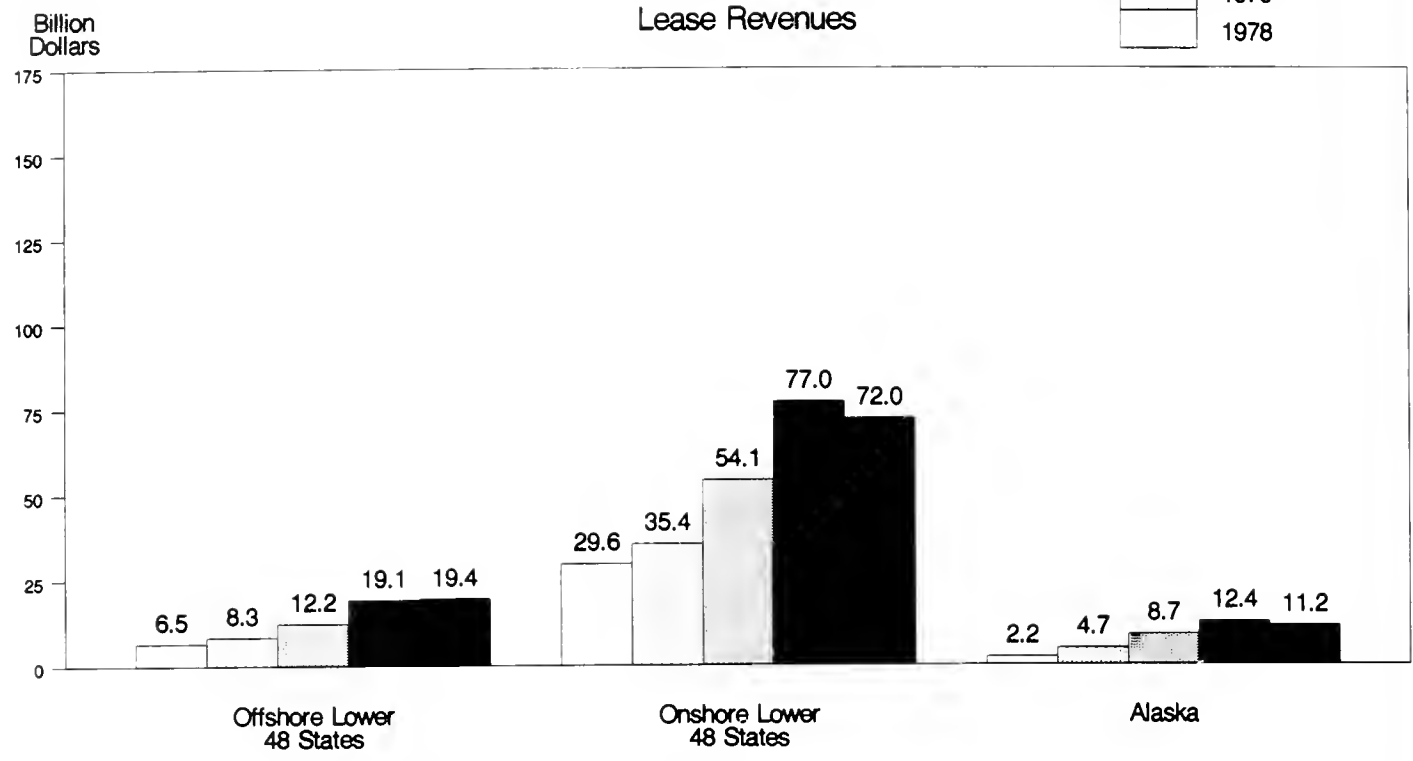


CHART H.

**Lease Revenues and Assets  
by Geographic Areas: 1978 to 1982**  
(Net Company Interest)



billion were 11 percent of the total of \$102.6 billion. Crude petroleum accounted for 98 percent of Alaska's lease revenues. After showing a slight decrease in 1981, Alaskan crude petroleum production increased by 4 percent in 1982. Crude petroleum output in the lower 48 States decreased by nearly 2 percent from 1981 to 1982. Onshore lower 48 States' lease revenues amounted to \$72.0 billion; the respective figure for the offshore lower 48 States was \$19.4 billion. While the offshore lower 48 State's lease revenues accounted for 19 percent of the total, their assets accounted for 29 percent of the total of \$233.1 billion for the United States.

### Lease Acquisitions

Expenditures for acquiring nonproducing leases totaled \$8.2 billion in 1982. The 1982 expenditures for all offshore leases of \$4.0 billion amounted to \$2.5 billion less than what was spent in 1981. Expenditures for acquiring onshore lower 48 states nonproducing leases amounted to \$4.0 billion, a decrease in expenditures of about 14 percent from the 1981 figure of \$4.7 billion. Expenditures for acquiring producing leases amounted to \$1.5 billion. Sales in the onshore lower 48 States amounted to 93 percent of the funds expended for producing leases.

### Methods of Accounting

Table 9 presents statistics by accounting methods. Since the treatment of costs are not standardized in accounting methods used by concerns in the oil and gas industry, some capitalize costs that other companies would charge to current expenses. In 1982, companies using the successful efforts method of accounting capitalized 84 percent of their exploration and development expenditures while companies using the full cost method (e.g., companies that capitalize expenditures for drilling exploratory dry holes) capitalized 95 percent of their exploration and development expenditures. If project characteristics (e.g. degree of risk) are the same for companies using alternative methods of accounting, it is logical to expect the full cost method companies to have a lower return on assets than companies using the successful efforts method. Figures in Table A substantiate that the successful efforts method concerns have a higher rate of return in terms of their net revenue to net assets ratio than full cost companies; the former's rate was 36 percent while the latter's rate was 17 percent.

Table A. Relationship of Net Revenues to Net Assets, by Accounting Method: 1982

(Net company interest basis)

Accounting method	Net revenues <sup>1</sup> (million dollars)	Net assets <sup>2</sup> (million dollars)	Net revenues to net assets (percent)
Successful efforts . .	37,794.2	104,853.6	36
Full cost . . . . .	6,756.5	38,835.7	17

<sup>1</sup>Net revenues were derived by subtracting production expenditures and charges to depletion, depreciation, and amortization during the year from lease revenues.

<sup>2</sup>Net assets were derived by subtracting accumulated cost of depreciation, depletion, and amortization from total assets.

### Confidentiality of Individual Company Data

The Bureau of the Census is prohibited by law from publishing any statistics that would disclose information reported by individual companies. In the tables in this report, data are not shown for any category for which the data fail to satisfy the disclosure tests. In all instances, however, figures for higher level aggregates include data for all lower level data, whether or not separate figures are shown for the particular subcategory comprising the total.

### ABBREVIATIONS

The following abbreviations and symbols appear frequently in the tables:

- Represents zero.
- (X) Not applicable.
- (Z) Less than half of the unit of measurement shown.
- (D) Withheld to avoid disclosing figures for individual companies.
- r Revised.

**Table 1. Selected Statistics for Operating Companies Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1982 and 1981**

Gross operator basis<sup>1</sup>

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales						
		All companies	First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50	First 50 companies
Sales volumes:								
Crude petroleum and condensate:								
1982.....	Mill. bbl....	3,048.3	1,508.5	520.4	212.3	85.5	111.0	2,437.7
1981.....	..do.....	3,092.0	1,533.6	550.0	232.0	98.4	104.9	2,518.9
From stripper well leases:								
1982.....	..do.....	1372.6	77.3	66.5	29.0	5.1	19.1	197.0
1981.....	..do.....	1386.1	87.4	62.7	30.4	4.2	19.0	203.6
Lease condensate:								
1982.....	..do.....	1164.2	50.3	33.0	15.6	13.3	14.8	127.0
1981.....	..do.....	1166.1	55.1	33.0	15.2	13.3	12.8	129.3
Natural gas:								
1982.....	Bill. cu. ft.	18,621.9	5,072.2	3,870.4	1,622.1	1,393.2	1,441.0	13,398.9
1981.....	..do.....	20,251.6	6,231.9	3,914.8	1,982.7	1,289.3	1,637.5	15,056.3
Lease revenues:								
Crude petroleum and condensate:								
1982.....	Mill. dol....	84,967.7	39,857.6	15,823.1	5,940.7	2,528.2	3,435.2	67,584.8
1981.....	..do.....	96,114.9	45,842.3	18,462.7	7,613.7	3,033.6	3,399.6	78,351.9
Lease condensate:								
1982.....	..do.....	15,068.6	1,507.7	1,080.2	430.4	388.0	467.8	3,874.1
1981.....	..do.....	15,681.9	1,833.7	1,158.7	558.0	446.5	396.9	4,393.8
Natural gas:								
1982.....	..do.....	48,172.8	11,219.2	9,537.4	4,140.2	3,986.0	4,273.4	33,156.2
1981.....	..do.....	44,621.6	12,541.4	7,909.2	4,255.4	3,457.7	3,906.0	32,069.7
Expenditures for drilling and equipping wells completed during the year:								
1982.....	..do.....	38,461.4	8,824.3	4,319.0	2,275.1	2,858.9	2,621.6	20,898.9
Exploration.....	..do.....	18,534.4	4,265.1	2,083.9	1,032.7	1,286.4	1,307.4	9,975.5
Development.....	..do.....	19,927.0	4,559.2	2,235.1	1,242.4	1,572.5	1,314.2	10,923.4
1981.....	..do.....	35,900.9	7,431.3	4,701.7	1,823.2	1,384.4	2,173.1	17,513.7
Expenditures incurred during the year for drilling and equipping wells: <sup>2</sup>								
1982.....	..do.....	40,206.2	9,265.8	4,387.7	2,530.4	3,083.5	2,709.1	21,976.5
Exploration.....	..do.....	18,815.5	4,112.8	1,995.3	1,172.7	1,275.2	1,398.2	9,954.2
Development.....	..do.....	21,390.8	5,153.0	2,392.4	1,357.7	1,808.3	1,310.9	12,022.3
1981.....	..do.....	40,887.1	9,492.6	5,114.0	2,241.0	1,864.4	2,606.2	21,318.2
Dry holes completed during the year:								
1982.....	..do.....	11,637.0	2,794.0	1,499.7	586.1	861.4	863.7	6,604.9
Exploration.....	..do.....	9,167.0	2,340.6	1,223.4	484.6	749.2	644.5	5,442.3
Development.....	..do.....	2,470.0	453.4	276.3	101.5	112.2	219.2	1,162.6
1981.....	..do.....	10,661.9	2,308.4	1,433.0	510.9	371.9	713.8	5,338.1
Oil wells completed during the year:								
1982.....	..do.....	11,563.7	2,772.5	1,182.1	534.6	570.1	660.2	5,719.5
Exploration.....	..do.....	3,416.5	503.1	358.9	171.4	124.8	188.3	1,346.5
Development.....	..do.....	8,147.2	2,269.4	823.2	363.2	445.3	471.9	4,373.0
1981.....	..do.....	12,114.6	2,739.5	1,467.2	491.0	319.3	423.9	5,440.7
Gas wells completed during the year:								
1982.....	..do.....	15,260.7	3,257.8	1,637.2	1,154.4	1,427.4	1,097.7	8,574.5
Exploration.....	..do.....	5,950.9	1,421.4	501.6	376.7	412.4	474.6	3,186.7
Development.....	..do.....	9,309.8	1,836.4	1,135.6	777.7	1,015.0	623.1	5,387.8
1981.....	..do.....	13,124.3	2,383.4	1,801.5	821.3	693.2	1,035.4	6,734.7
Work-in-progress adjustment:								
1982.....	..do.....	11,744.8	441.4	68.7	255.2	224.5	87.5	1,077.3
Exploration.....	..do.....	1281.1	-152.4	-88.6	139.9	-11.2	90.8	-21.5
Development.....	..do.....	11,463.7	593.8	157.3	115.3	235.7	-3.3	1,098.8
1981.....	..do.....	14,986.5	2,061.3	412.4	417.7	480.2	433.1	3,804.6
Expenditures for platforms:								
1982.....	..do.....	11,672.7	501.8	262.3	D)	D)	554.7	1,537.8
Drilling platforms <sup>3</sup> .....	..do.....	1804.2	308.5	180.9	D)	D)	174.4	740.1
Production platforms.....	..do.....	1868.5	193.3	81.4	D)	D)	380.3	797.7
1981.....	..do.....	11,545.8	401.7	364.9	239.7	166.8	192.5	1,365.6
Employment:								
1982.....	Thousand....	226.5	62.1	31.9	13.5	10.0	10.0	127.6
1981.....	..do.....	215.4	55.9	29.1	11.7	7.3	12.8	116.9

See footnotes at end of table.

Table 1. Selected Statistics for Operating Companies Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1982 and 1981—Continued

(Gross operator basis)

Item	Unit of measure	Operating companies ranked by total value of crude petroleum and natural gas sales--Continued						
		Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Sales volumes:								
Crude petroleum and condensate:								
1982.....	Mil. bbl....	66.4	80.9	2,585.0	59.6	41.8	2,686.4	361.9
1981.....	..do.....	65.3	75.4	2,659.6	68.2	43.8	2,771.6	320.4
From stripper well leases:								
1982.....	..do.....	13.5	17.6	228.1	8.6	13.2	249.9	122.7
1981.....	..do.....	14.6	15.2	233.4	10.6	17.6	261.6	124.5
Lease condensate:								
1982.....	..do.....	4.7	8.4	140.1	5.3	4.2	149.6	14.6
1981.....	..do.....	6.9	9.0	145.1	5.6	3.4	154.1	12.0
Natural gas:								
1982.....	Bil. cu. ft.	810.5	820.3	15,029.7	690.3	355.5	16,075.5	2,546.4
1981.....	..do.....	871.8	952.4	16,880.5	714.3	351.0	17,945.8	2,305.8
Lease revenues:								
Crude petroleum and condensate:								
1982.....	Mil. dol....	1,913.8	2,445.6	71,944.2	1,897.1	1,228.2	75,069.6	9,898.2
1981.....	..do.....	2,262.7	2,592.4	83,207.0	2,223.7	1,371.3	86,802.0	9,312.4
Lease condensate:								
1982.....	..do.....	140.5	282.3	4,296.9	177.1	87.8	4,561.8	1506.8
1981.....	..do.....	226.2	308.3	4,928.3	210.3	84.5	5,223.1	1458.8
Natural gas:								
1982.....	..do.....	2,346.7	2,653.6	38,156.5	2,033.2	922.2	41,111.9	7,060.9
1981.....	..do.....	2,252.9	2,486.5	36,809.1	1,825.9	753.1	39,388.1	5,233.5
Expenditures for drilling and equipping wells completed during the year:								
1982.....	..do.....	1,685.3	3,052.9	25,637.4	1,791.0	1,294.7	28,723.2	9,738.2
Exploration.....	..do.....	644.5	1,917.6	12,538.0	814.0	683.8	14,035.9	4,498.5
Development.....	..do.....	1,040.8	1,135.3	13,099.4	977.0	610.9	14,687.3	5,239.7
1981.....	..do.....	1,879.0	3,163.2	22,555.8	1,921.1	1,116.7	25,593.4	10,307.5
Expenditures incurred during the year for drilling and equipping wells: <sup>2</sup>								
1982.....	..do.....	1,757.9	3,256.4	26,990.7	1,788.0	1,388.8	30,167.6	10,038.6
Exploration.....	..do.....	669.7	2,047.7	12,671.8	849.7	730.2	14,251.8	4,563.7
Development.....	..do.....	1,088.2	1,208.7	14,318.9	938.3	658.6	15,915.8	5,475.0
1981.....	..do.....	2,019.7	3,546.3	26,884.0	2,229.3	1,125.4	30,238.8	10,648.3
Dry holes completed during the year:								
1982.....	..do.....	484.9	1,211.4	8,301.3	639.7	414.1	9,355.1	2,281.9
Exploration.....	..do.....	309.3	1,042.1	6,793.8	453.7	260.9	7,508.4	1,658.6
Development.....	..do.....	175.6	169.3	1,507.5	186.0	153.2	1,846.7	623.3
1981.....	..do.....	651.7	1,089.9	7,079.7	560.8	264.0	7,904.5	2,757.4
Oil wells completed during the year:								
1982.....	..do.....	542.7	754.3	7,016.6	439.0	292.7	7,748.4	3,815.3
Exploration.....	..do.....	139.5	246.0	1,732.1	103.7	105.2	1,941.1	1,475.4
Development.....	..do.....	403.2	508.2	5,284.5	335.3	187.5	5,807.3	2,339.9
1981.....	..do.....	549.5	871.7	6,861.8	768.4	452.2	8,082.4	4,032.2
Gas wells completed during the year:								
1982.....	..do.....	657.7	1,087.2	10,319.5	712.3	587.9	11,619.7	3,641.0
Exploration.....	..do.....	195.7	629.5	4,012.1	256.6	317.7	4,586.4	1,364.5
Development.....	..do.....	462.0	457.7	6,307.4	455.7	270.2	7,033.3	2,276.5
1981.....	..do.....	677.8	1,201.6	8,614.2	591.9	400.5	9,606.5	3,517.8
Work-in-progress adjustment:								
1982.....	..do.....	72.6	203.5	1,353.3	-3.1	94.1	1,444.4	1300.4
Exploration.....	..do.....	25.2	130.1	133.8	35.7	46.4	215.9	165.2
Development.....	..do.....	47.4	73.4	1,219.5	-38.8	47.7	1,228.5	1235.2
1981.....	..do.....	140.7	383.1	4,328.4	308.2	8.9	4,645.5	1341.0
Expenditures for platforms:								
1982.....	..do.....	(D)	20.4	(D)	(D)	3.2	1,600.9	171.8
Drilling platforms <sup>3</sup> .....	..do.....	(D)	.3	(D)	(D)	-	754.5	149.7
Production platforms.....	..do.....	(D)	20.1	(D)	(D)	3.2	846.4	122.1
1981.....	..do.....	66.7	(D)	(D)	(D)	9.4	1,506.7	139.1
Employment:								
1982.....	Thousand....	5.5	11.2	144.3	11.1	5.2	160.6	65.9
1981.....	..do.....	5.7	10.3	132.9	11.6	5.9	150.3	65.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Figures represent estimates for companies in the primary sample since selected items were not collected on the short Form MA-13K(S). See appendices A, B, and C for further information on data collected and sample design.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

**Table 2. Drilling Statistics for Oil, Gas, and Dry Wells for Operating Companies Ranked by Total Value of Crude Petroleum, Condensate, and Natural Gas Sales: 1982**

(Gross operator basis)

Well type and company rank	Wells drilled	Footage drilled		Cost of drilling and equipping wells		
		Total (1,000 feet)	Per well (feet)	Total (million dollars)	Per well (1,000 dollars)	Per foot (dollars)
All wells.....	63,636	358,455	5,633	38,461.4	605	107.30
1 to 8.....	6,855	47,933	6,993	8,824.3	1,288	184.10
9 to 16.....	3,513	21,726	6,185	4,319.0	1,230	198.80
17 to 32.....	3,040	23,030	7,576	5,134.1	1,689	222.93
33 to 50.....	1,969	14,398	7,312	2,621.6	1,332	182.08
51 to 100.....	4,159	31,664	7,614	4,738.2	1,140	149.64
101 to 150.....	2,864	17,276	6,033	1,791.0	626	103.67
151 to 200.....	2,052	13,117	6,393	1,294.7	631	98.71
All other companies.....	39,184	189,311	4,835	9,738.0	249	51.44
Exploration.....	24,359	151,683	6,227	18,534.4	761	122.20
Oil wells.....	7,283	39,072	5,365	3,416.5	470	87.45
1 to 8.....	299	2,015	6,740	503.1	1,683	249.68
9 to 16.....	173	1,503	8,688	358.9	2,075	238.79
17 to 32.....	186	1,521	8,178	296.2	1,593	194.74
33 to 50.....	125	1,048	8,384	188.3	1,507	179.68
51 to 100.....	228	1,941	8,514	385.5	1,691	198.61
101 to 150.....	159	1,040	6,541	103.7	652	99.72
151 to 200.....	189	1,252	6,625	105.2	557	84.03
All other companies.....	5,924	28,752	4,853	1,475.2	249	51.31
Gas wells.....	4,827	35,150	7,282	5,950.9	1,232	169.30
1 to 8.....	458	5,237	11,435	1,421.4	3,104	271.42
9 to 16.....	136	1,446	10,633	501.6	3,689	346.89
17 to 32.....	227	2,444	10,767	789.2	3,477	322.92
33 to 50.....	193	1,646	8,529	474.6	2,459	288.34
51 to 100.....	448	3,941	8,797	825.2	1,842	209.39
101 to 150.....	169	1,325	7,840	256.6	1,518	193.66
151 to 200.....	216	2,096	9,704	317.7	1,471	151.57
All other companies.....	2,980	17,015	5,709	1,364.5	458	80.20
Dry holes.....	12,249	77,461	6,323	9,167.0	748	118.35
1 to 8.....	832	8,650	10,397	2,340.6	2,814	270.59
9 to 16.....	339	3,462	10,213	1,223.4	3,609	353.38
17 to 32.....	446	4,141	9,285	1,233.8	2,767	297.95
33 to 50.....	347	3,257	9,387	644.5	1,858	197.89
51 to 100.....	850	6,995	8,229	1,351.4	1,590	193.20
101 to 150.....	480	3,949	8,227	453.7	945	114.89
151 to 200.....	407	2,726	6,698	260.9	641	95.71
All other companies.....	8,548	44,281	5,180	1,658.6	194	37.46
Development.....	39,277	206,772	5,074	19,927.0	508	96.40
Oil wells.....	21,602	100,750	4,663	8,147.2	377	80.87
1 to 8.....	3,983	20,610	5,175	2,269.4	570	110.12
9 to 16.....	2,058	8,351	4,058	823.2	400	98.58
17 to 32.....	1,028	6,207	6,038	808.5	787	130.26
33 to 50.....	549	2,923	5,325	471.9	860	161.45
51 to 100.....	1,092	6,983	6,395	911.5	835	130.54
101 to 150.....	755	4,307	5,704	335.3	444	77.85
151 to 200.....	558	2,692	4,825	187.5	336	69.65
All other companies.....	11,579	48,677	4,204	2,339.9	202	48.07
Gas wells.....	12,133	76,458	6,301	9,309.8	767	121.76
1 to 8.....	944	8,489	8,993	1,836.4	1,946	216.33
9 to 16.....	620	5,477	8,834	1,135.6	1,832	207.34
17 to 32.....	811	6,555	8,083	1,792.7	2,211	273.49
33 to 50.....	545	4,020	7,377	623.1	1,144	155.00
51 to 100.....	1,174	8,875	7,560	919.7	784	103.63
101 to 150.....	1,044	4,883	4,677	455.7	437	93.33
151 to 200.....	434	2,754	6,346	270.2	623	98.12
All other companies.....	6,561	35,405	5,397	2,276.5	347	64.30
Dry holes.....	5,542	29,564	5,335	2,470.0	446	83.55
1 to 8.....	339	2,932	8,649	453.4	1,338	154.64
9 to 16.....	187	1,487	7,952	276.3	1,478	185.81
17 to 32.....	342	2,162	6,322	213.7	625	98.85
33 to 50.....	210	1,504	7,152	219.2	1,044	145.74
51 to 100.....	367	2,929	7,981	344.9	940	117.76
101 to 150.....	257	1,772	6,895	186.0	724	104.97
151 to 200.....	248	1,597	6,440	153.2	618	95.93
All other companies.....	3,592	15,181	4,226	623.3	174	41.06

Note: Detailed figures may not add to totals because of independent rounding.



**Table 3. Selected Statistics for Operating Companies Grouped by Legal Form of Organization: 1982**

(Gross operator basis)

Item	Unit of measure	United States, total	Corporation	Individual proprietorship	Partnership	Other
<b>Sales volumes:</b>						
Crude petroleum and condensate.....	Mil. bbl....	3,048.3	2,874.6	70.0	38.5	65.2
Natural gas.....	Bil. cu. ft.	18,621.9	17,915.9	408.1	236.5	61.4
<b>Lease revenues:</b>						
Crude petroleum and condensate.....	Mil. dol....	84,967.7	80,464.2	2,142.1	1,045.2	1,316.2
Natural gas.....	..do.....	48,172.8	46,645.3	737.8	494.9	294.8
<b>Drilling statistics:</b>						
<b>Exploration:</b>						
Expenditures.....	Mil. dol....	18,534.4	17,772.6	345.7	379.5	36.6
Number of wells.....	Number.....	24,359	21,465	1,563	1,277	54
Total footage drilled.....	Thou. ft....	151,683	135,489	9,096	6,734	364
<b>Dry holes:</b>						
Expenditures.....	Mil. dol....	9,167.0	8,879.9	130.5	131.1	25.5
Number of wells.....	Number.....	12,249	10,601	869	748	31
Total footage drilled.....	Thou. ft....	77,461	69,093	4,577	3,576	215
<b>Oil wells:</b>						
Expenditures.....	Mil. dol....	3,416.5	3,142.9	76.2	188.1	9.3
Number of wells.....	Number.....	7,283	6,442	454	369	18
Total footage drilled.....	Thou. ft....	39,072	34,162	2,856	1,955	99
<b>Gas wells:</b>						
Expenditures.....	Mil. dol....	5,950.9	5,749.9	139.0	60.3	1.8
Number of wells.....	Number.....	4,827	4,422	240	160	5
Total footage drilled.....	Thou. ft....	35,150	32,234	1,663	1,203	50
<b>Development:</b>						
Expenditures.....	Mil. dol....	19,927.0	19,001.7	544.5	317.3	63.5
Number of wells.....	Number.....	39,277	36,327	1,746	1,047	157
Total footage drilled.....	Thou. ft....	206,772	192,188	9,036	4,566	982
<b>Dry holes:</b>						
Expenditures.....	Mil. dol....	2,470.0	2,350.9	47.0	70.6	1.5
Number of wells.....	Number.....	5,542	4,967	296	270	9
Total footage drilled.....	Thou. ft....	29,564	27,290	1,175	1,037	62
<b>Oil wells:</b>						
Expenditures.....	Mil. dol....	8,147.2	7,556.4	367.1	161.7	62.0
Number of wells.....	Number.....	21,602	19,711	1,154	589	148
Total footage drilled.....	Thou. ft....	100,750	91,752	5,759	2,319	920
<b>Gas wells:</b>						
Expenditures.....	Mil. dol....	9,309.8	9,094.4	130.4	85.0	-
Number of wells.....	Number.....	12,133	11,649	296	188	-
Total footage drilled.....	Thou. ft....	76,458	73,146	2,101	1,210	-

Note: Detailed figures may not add to totals because of independent rounding.

Table 4. Selected Statistics for Operating Companies: 1979 to 1982

(Gross operator basis)

Item	Unit of measure	1982	1981	1980	1979
<b>Sales volumes:</b>					
Crude petroleum and condensate.....	Mil. bbl....	3,048.3	3,092.0	3,136.5	3,046.8
From stripper well leases <sup>1</sup> .....	..do.....	372.6	386.1	400.4	399.0
Lease condensate <sup>1</sup> .....	..do.....	164.2	166.1	140.5	148.7
Natural gas.....	Bil. cu. ft.	18,621.9	20,251.6	20,063.4	20,005.1
<b>Lease revenues:</b>					
Crude petroleum and condensate.....	Mil. dol....	84,967.7	96,114.9	63,434.9	36,921.4
Lease condensate <sup>1</sup> .....	..do.....	5,068.6	5,681.9	3,029.0	1,808.6
Natural gas.....	..do.....	48,172.8	44,621.6	33,296.5	24,984.1
<b>Unit values:</b>					
Crude petroleum and condensate.....	Dol. per bbl	27.87	31.09	20.22	12.11
Natural gas.....	Cents per 1,000 cu. ft.....	258.7	220.3	166.0	124.8
<b>Expenditures:</b>					
<b>Exploration expenditures:</b>					
Drilling and equipping wells <sup>2</sup> .....	Mil. dol....	18,815.5	19,449.1	12,212.6	8,073.5
Dry holes.....	..do.....	9,167.0	8,381.2	5,131.5	3,661.1
Oil.....	..do.....	3,416.5	3,491.9	1,954.8	1,106.4
Gas.....	..do.....	5,950.9	5,026.0	3,282.0	2,252.0
Work-in-progress adjustment <sup>1</sup> .....	..do.....	281.1	2,550.0	1,844.4	1,054.0
<b>Development expenditures:</b>					
Drilling and equipping wells <sup>2</sup> .....	..do.....	21,390.8	21,438.0	13,804.7	10,978.8
Dry holes.....	..do.....	2,470.0	2,280.7	1,369.4	1,273.6
Oil.....	..do.....	8,147.2	8,622.7	5,043.7	3,679.3
Gas.....	..do.....	9,309.8	8,098.2	5,631.1	4,671.9
Work-in-progress adjustment <sup>1</sup> .....	..do.....	1,463.7	2,436.5	1,760.3	1,354.0
<b>Employment.....</b>	Thousand....	226.5	215.4	179.0	167.1
<b>Drilling statistics:</b>					
<b>Exploration dry holes:</b>					
Number of wells.....	Number.....	12,249	12,769	9,925	8,967
Total footage drilled.....	Thou. ft....	77,461	78,639	58,404	50,238
Average depth per well.....	Feet.....	6,323	6,158	5,885	5,603
Average cost per well.....	Thou. dol...	748	656	517	408
<b>Exploration oil wells:</b>					
Number of wells.....	Number.....	7,283	6,974	5,416	3,921
Total footage drilled.....	Thou. ft....	39,072	38,428	27,425	17,827
Average depth per well.....	Feet.....	5,365	5,511	5,064	4,547
Average cost per well.....	Thou. dol...	470	501	361	282
<b>Exploration gas wells:</b>					
Number of wells.....	Number.....	4,827	4,021	3,748	3,382
Total footage drilled.....	Thou. ft....	35,150	30,041	26,759	21,989
Average depth per well.....	Feet.....	7,282	7,471	7,140	6,502
Average cost per well.....	Thou. dol...	1,232	1,250	876	666
<b>Development dry holes:</b>					
Number of wells.....	Number.....	5,542	6,358	5,433	5,559
Total footage drilled.....	Thou. ft....	29,564	33,731	25,855	25,544
Average depth per well.....	Feet.....	5,335	5,305	4,759	4,595
Average cost per well.....	Thou. dol...	446	359	252	229
<b>Development oil wells:</b>					
Number of wells.....	Number.....	21,602	24,939	18,499	16,376
Total footage drilled.....	Thou. ft....	100,750	114,354	80,523	70,384
Average depth per well.....	Feet.....	4,663	4,568	4,353	4,298
Average cost per well.....	Thou. dol...	377	342	273	225
<b>Development gas wells:</b>					
Number of wells.....	Number.....	12,133	13,561	11,807	11,267
Total footage drilled.....	Thou. ft....	76,458	80,389	66,905	64,166
Average depth per well.....	Feet.....	6,301	5,928	5,667	5,695
Average cost per well.....	Thou. dol...	767	597	477	415

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Figures represent estimates for companies in the primary sample since selected items were not collected on the short form MA-13K(S). See appendixes A, B, and C for further information on data collected and sample design.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

Table 5. Detailed Net Company Interest Statistics: 1978 to 1982

Item	Unit of measure	1982	1981	1980	1979	1978	Index (1977=100)			
							1982	1981	1980	1979
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	2,432.3	2,441.7	2,495.2	2,455.5	2,551.6	101.8	102.2	104.5	102.8
From stripper well leases.....	..do.....	269.1	275.2	290.0	302.3	316.5	91.6	93.7	98.7	102.9
Lease condensate.....	..do.....	125.5	121.1	106.8	108.8	114.9	112.2	108.2	95.4	97.2
Natural gas.....	Bil. cu. ft.	13,250.5	14,477.4	14,711.9	14,786.5	15,160.0	86.1	94.1	95.6	96.1
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	102,555.8	108,492.2	74,903.0	48,430.8	38,279.7	302.0	320.4	220.6	142.6
Crude petroleum.....	..do.....	67,194.2	75,255.9	49,371.7	28,938.0	22,116.6	336.6	377.0	247.3	145.0
Lease condensate.....	..do.....	63,295.7	71,428.3	47,162.8	27,601.2	20,993.6	333.8	376.7	248.7	145.6
Natural gas.....	..do.....	3,898.5	3,827.4	2,208.9	1,336.8	1,123.4	388.8	381.7	220.3	133.3
Income from oil and gas royalties	..do.....	32,442.1	30,248.9	23,442.7	18,070.2	14,880.7	252.3	235.2	182.3	140.5
Other lease revenues from pro- ducing operations.....	..do.....	2,321.1	2,384.4	1,708.6	1,128.1	1,039.6	235.7	242.1	173.5	114.6
Expenditures (capitalized and expensed).....										
Exploration expenditures.....	..do.....	91,784.3	98,635.7	62,655.0	44,686.4	30,373.3	356.7	383.4	243.6	173.7
Drilling and equipping wells <sup>1</sup> ...	..do.....	27,858.3	30,674.2	20,830.8	15,617.2	9,367.9	357.4	393.5	267.2	200.4
Dry holes.....	..do.....	12,935.8	13,545.7	8,678.6	5,619.2	4,098.3	401.6	420.6	269.5	174.5
Oil wells.....	..do.....	6,576.2	5,844.4	3,615.4	2,565.2	2,215.2	401.6	356.9	220.8	156.6
Gas wells.....	..do.....	2,287.8	2,437.3	1,281.8	714.0	453.3	555.2	591.4	311.0	173.3
Work-in-progress adjustment...	..do.....	3,818.6	3,396.6	2,219.5	1,459.1	1,090.6	509.1	452.8	295.9	194.5
Lease and land acquisitions of nonproducing acreage.....	..do.....	253.5	1,867.3	1,561.9	881.0	339.1	60.2	443.6	371.1	209.3
Land department leasing and scouting.....	..do.....	8,163.3	11,188.2	7,899.2	7,036.5	2,885.4	316.5	433.7	306.2	272.8
Geological and geophysical.....	..do.....	458.0	376.2	274.7	223.5	163.6	279.1	229.3	167.5	136.2
Lease rents.....	..do.....	2,997.5	2,823.0	1,871.0	1,218.2	1,028.7	359.7	338.8	224.5	146.2
Test hole contributions.....	..do.....	643.7	600.4	429.1	311.6	285.3	261.9	244.3	174.6	126.8
Other exploration expenditures including direct overhead.....	..do.....	47.2	34.2	28.0	23.0	24.5	144.3	104.6	85.6	70.3
General and administrative overhead, not reported elsewhere.....	..do.....	1,192.0	999.0	757.4	523.5	393.5	390.6	327.3	248.2	171.5
Development expenditures.....										
Drilling and equipping wells <sup>1</sup> ...	..do.....	1,420.8	1,107.5	892.8	661.7	488.8	343.6	267.8	215.9	160.0
Dry holes.....	..do.....	25,858.8	25,015.7	19,578.9	17,303.6	11,010.7	280.7	271.5	212.9	187.8
Oil wells.....	..do.....	15,578.0	16,107.5	10,193.4	7,972.5	6,838.7	272.7	281.9	178.4	139.6
Gas wells.....	..do.....	1,861.2	1,512.8	951.2	875.8	788.6	288.3	234.3	147.3	135.7
Work-in-progress adjustment...	..do.....	6,075.4	6,209.9	3,609.4	2,630.2	2,240.5	253.3	258.9	150.5	109.6
Lease equipment.....	..do.....	6,745.4	6,252.2	4,150.7	3,378.6	2,825.4	318.7	295.4	196.1	159.6
Lease and land acquisitions of producing acreage.....	..do.....	896.1	2,132.6	1,482.1	1,087.9	984.2	162.3	386.4	268.5	197.1
Fluid injection and improved recovery programs.....	..do.....	5,134.6	4,760.3	3,572.8	2,146.0	2,175.0	319.3	296.1	222.2	133.5
Other development expenditures including direct overhead.....	..do.....	1,511.5	972.6	3,414.6	5,511.3	450.1	394.9	254.1	892.0	1,439.7
General and administrative overhead, not reported elsewhere.....	..do.....	1,943.8	1,458.2	941.2	528.3	639.3	421.3	316.0	204.0	114.5
Production expenditures.....										
Direct operating expenditures...	..do.....	740.2	801.6	712.5	544.3	467.5	110.1	119.2	106.0	81.0
Operating and maintenance.....	..do.....	950.7	915.6	744.4	601.2	440.1	253.0	243.7	198.1	160.0
Well workovers.....	..do.....	38,067.2	42,945.8	22,245.2	11,765.6	9,994.6	436.6	492.6	255.2	135.0
Other direct expenses.....	..do.....	14,405.3	13,505.1	9,461.9	7,295.3	6,152.2	272.9	255.9	179.3	138.2
Indirect operating expenditures	..do.....	11,656.8	11,006.7	7,507.9	5,754.7	4,876.9	274.4	259.1	176.7	135.5
Ad valorem, production, and severance taxes.....	..do.....	1,769.4	1,619.3	1,213.6	1,001.1	777.6	251.4	230.0	172.4	142.2
General and administrative overhead.....	..do.....	979.1	879.0	740.5	539.7	497.2	300.4	269.7	227.2	165.6
Other indirect expenses in- cluding Federal excise taxes <sup>2</sup> .....	..do.....	23,662.0	29,440.8	12,783.4	4,470.3	3,842.5	688.0	856.0	371.7	130.0
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....	Mil. dol....	6,605.8	6,638.6	4,564.9	2,750.4	2,379.0	314.7	316.3	217.5	131.0
Capitalized expenditures.....	..do.....	3,047.8	2,244.8	1,709.8	1,181.3	1,069.8	336.7	248.0	188.9	130.5
Retirements and dispositions.....	..do.....	14,008.3	20,557.5	6,508.7	538.6	393.6	3,215.8	4,719.0	1,494.2	123.6
Gross book value of fixed assets (end of year) <sup>3</sup> .....	..do.....	199,611.7	157,906.8	128,414.5	106,587.3	94,433.8	238.0	188.3	153.1	127.1
Depletion, depreciation, and amortization of fixed assets:										
Cost during the year.....	..do.....	46,219.0	46,386.0	33,523.5	27,332.6	17,074.8	334.1	335.3	242.4	197.6
Accumulated cost, end of the year.....	..do.....	12,778.1	7,722.9	5,720.5	6,106.2	5,861.3	391.0	236.3	175.0	186.8
Gross book value of fixed assets (end of year) <sup>3</sup> .....										
Depletion, depreciation, and amortization of fixed assets:										
Cost during the year.....	..do.....	233,051.7	196,569.7	156,217.5	127,813.7	105,647.4	246.8	208.2	165.5	135.4
Depletion, depreciation, and amortization of fixed assets:										
Cost during the year.....	..do.....	17,501.0	13,498.7	10,764.5	8,873.5	6,790.9	317.8	245.1	195.5	161.1
Accumulated cost, end of the year.....	..do.....	86,477.3	69,866.2	59,818.8	48,552.6	44,099.3	214.8	173.6	148.6	120.6

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Figures for other indirect expenses do not include Federal excise taxes for years prior to 1980.

<sup>3</sup>Figures for gross book value of fixed assets (end of year) differ from following year assets (beginning of year) for various reasons such as revisions reported by respondents, accounting method modifications, company organization changes, and changes in the survey panel.

**Table 6A. Sales and Expenditures Statistics for Companies Ranked by Total Lease Revenues: 1982**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
<b>Sales volumes:</b>							
Crude petroleum and condensate	Mil bbl	2,432.3	1,288.0	454.2	163.9	68.3	63.1
From stripper well leases	..do.	269.1	68.6	60.9	12.1	3.9	8.8
Lease condensate	..do.	125.5	45.7	23.1	6.3	5.7	8.6
Natural gas	Bil. cu. ft.	13,250.5	4,541.5	2,590.1	1,157.5	624.5	1,055.0
<b>Lease revenues:</b>							
Crude petroleum and condensate	Mil. dol.	102,555.8	43,883.5	19,754.9	7,926.4	4,124.0	4,901.4
Crude petroleum	..do.	67,194.2	33,640.6	13,460.0	4,552.7	1,907.1	1,989.9
Lease condensate	..do.	63,295.7	32,279.2	12,712.5	4,344.0	1,724.3	1,713.1
Natural gas	..do.	3,898.5	1,361.3	747.5	208.8	182.8	276.7
Income from oil and gas royalties	..do.	32,442.2	9,522.5	5,603.6	3,104.5	2,010.9	2,828.8
Other lease revenues from producing operations	..do.	2,321.1	574.1	529.5	252.7		
		598.3	146.4	161.9	16.4	206.0	82.7
<b>Expenditures (capitalized and expensed):</b>							
Exploration expenditures	..do.	91,784.3	37,079.9	15,531.0	6,103.9	3,533.8	4,873.8
Drilling and equipping wells <sup>1 2</sup>	..do.	27,858.3	9,485.5	3,916.1	2,076.3	1,150.8	1,889.5
Dry holes	..do.	12,935.8	3,880.3	1,722.9	1,146.1	712.9	746.5
Oil wells	..do.	6,576.2	2,123.1	1,124.8	591.7	317.4	335.3
Gas wells	..do.	2,287.8	515.0	241.3	231.9	85.8	79.7
Work-in-progress adjustment	..do.	3,818.6	1,307.8	428.8	381.9	275.5	260.9
Lease and land acquisitions of nonproducing acreage	..do.	253.5	-65.5	-72.1	-59.3	34.2	70.6
Land department leasing and scouting	..do.	8,163.3	2,919.2	1,112.1	492.1	282.8	638.2
Geological and geophysical	..do.	458.0	109.9	51.5	34.5	7.5	73.2
Lease rents	..do.	2,997.5	1,573.8	556.9	224.3	54.3	151.4
Test hole contributions	..do.	643.7	159.5	102.5	34.7	25.5	45.1
Other exploration expenditures including direct overhead	..do.	47.2	19.2	2.1	12.6		
General and administrative overhead, not reported elsewhere	..do.	1,192.0	443.2	217.1	92.5	29.0	92.8
Development expenditures	..do.	1,420.8	380.4	151.0	39.5	38.9	142.3
Drilling and equipping wells <sup>1 2</sup>	..do.	25,858.8	9,641.2	3,692.8	1,517.8	1,343.3	1,706.8
Dry holes	..do.	15,578.0	4,203.5	2,346.0	957.3	1,000.9	1,011.3
Oil wells	..do.	1,861.2	402.4	238.1	88.5	77.9	122.6
Gas wells	..do.	6,075.4	1,891.4	1,017.7	389.3	291.9	325.3
Work-in-progress adjustment	..do.	6,745.4	1,412.7	1,074.9	469.7	571.4	508.3
Lease equipment <sup>3</sup>	..do.	896.1	497.1	15.3	9.8	59.7	55.0
Lease and land acquisitions of producing acreage	..do.	5,134.6	3,067.4	594.1	335.6	111.7	238.5
Fluid injection and improved recovery programs	..do.	1,511.5	600.8	86.2	17.2		
Other development expenditures including direct overhead	..do.	1,943.8	1,241.6	329.0	143.9	230.8	457.0
General and administrative overhead, not reported elsewhere	..do.	740.2	260.1	173.3			
Production expenditures	..do.	950.7	267.7	164.2	63.8		
Direct operating expenditures	..do.	38,067.2	17,953.2	7,922.1	2,509.9	1,039.7	1,277.5
Operating and maintenance	..do.	14,405.3	5,970.3	3,237.2	1,154.1	375.0	526.8
Well workovers	..do.	11,656.8	4,580.4	2,788.6	1,015.5	326.7	442.3
Other direct expenses	..do.	1,769.4	739.6	448.7	105.0	48.3	59.2
Indirect operating expenditures	..do.	979.1	650.3		33.7		25.3
Ad valorem, production, and severance taxes	..do.	23,662.0	11,982.9	4,684.9	1,355.8	664.7	750.7
General and administrative overhead	..do.	6,605.8	3,332.8	1,050.9	361.3	233.9	264.2
Other indirect expenses including Federal excise taxes	..do.	3,047.8	1,189.9	463.2	190.1	73.8	79.9
		14,008.3	7,460.2	3,170.8	804.4	357.0	406.7

See footnotes at end of table.

**Table 6A. Sales and Expenditures Statistics for Companies Ranked by Total Lease Revenues: 1982—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Sales volumes:									
Crude petroleum and condensate...	Mil. bbl.	2,037.4	35.6	50.9	2,123.4	44.3	27.8	2,196.0	236.3
From stripper well leases.....	..do.	154.3	5.4	7.2	166.4	10.4	7.0	184.3	84.8
Lease condensate.....	..do.	89.5	4.6	4.3	98.3	4.9	1.9	105.1	20.4
Natural gas.....	Bil. cu. ft.	9,468.6	526.2	519.5	11,014.2	473.9	226.8	11,715.0	1,535.5
Lease revenues:									
Crude petroleum and condensate...	Mil. dol.	80,590.1	2,946.0	3,175.6	86,711.7	2,772.5	1,570.2	91,054.3	11,501.4
Crude petroleum.....	..do.	55,550.3	1,083.2	1,575.0	58,208.4	1,356.2	840.7	60,445.3	6,788.9
Crude petroleum.....	..do.	52,773.1	941.9	1,434.2	55,149.3	1,217.0	779.9	57,146.2	6,149.5
Lease condensate.....	..do.	2,777.1	141.3	140.8	3,059.1	139.2	60.8	3,259.1	639.4
Natural gas.....	..do.	23,070.2	1,742.1	1,498.8	26,311.1	1,268.2	665.3	28,244.6	4,197.6
Income from oil and gas royalties	..do.	1,617.6	109.7	71.7	1,794.0	113.1	33.8	1,945.8	375.3
Other lease revenues from producing operations.....	..do.	352.1	11.0	30.1	393.2	35.0	30.5	458.6	139.7
Expenditures (capitalized and expensed):									
Exploration expenditures.....	..do.	18,518.2	1,392.9	1,486.2	21,397.2	1,409.4	575.3	23,381.9	2,301.3
Drilling and equipping wells <sup>1 2</sup>	..do.	8,208.7	734.5	886.1	9,629.3	745.6	259.6	10,634.5	883.8
Dry holes.....	..do.	4,492.3	360.9	339.2	5,192.4	378.7	121.3	5,692.4	760.1
Oil wells.....	..do.	1,153.7	75.5	133.1	1,362.3	119.9	45.5	1,527.7	510.7
Gas wells.....	..do.	2,654.8	215.9	170.4	3,041.1	209.1	57.7	3,307.9	147.0
Work-in-progress adjustment..	..do.	-92.2	82.3	43.4	33.5	37.9	35.1	106.5	124.4
Lease and land acquisitions of nonproducing acreage.....	..do.	5,444.3	404.4	428.8	6,277.5	450.9	193.4	6,921.9	1,241.4
Land department leasing and scouting.....	..do.	276.6	18.5	30.6	325.7	23.7	6.2	355.6	102.4
Geological and geophysical.....	..do.	2,560.6	81.6	95.5	2,737.8	75.1	35.9	2,848.8	148.7
Lease rents.....	..do.	367.3	41.8	42.8	451.9	33.7	16.2	501.7	142.0
Test hole contributions.....	..do.	36.2	2.8	1.5	40.5	30.6	19.1	42.7	4.5
Other exploration expenditures including direct overhead.....	..do.	872.5	30.0	76.8	979.3	30.6	19.1	1,026.7	165.3
General and administrative overhead, not reported elsewhere.....	..do.	752.0	79.2	124.0	955.3	49.9	44.9	1,050.0	370.8
Development expenditures.....									
Drilling and equipping wells <sup>1 2</sup>	..do.	9,519.0	739.4	922.2	11,180.6	671.1	428.3	12,280.0	3,298.0
Dry holes.....	..do.	929.6	110.1	143.9	1,183.6	112.8	64.2	1,360.5	500.7
Oil wells.....	..do.	3,915.6	173.2	300.6	4,389.4	225.0	138.3	4,752.7	1,322.7
Gas wells.....	..do.	4,037.0	417.7	396.1	4,850.8	326.2	200.1	5,377.1	1,368.3
Work-in-progress adjustment..	..do.	636.9	38.4	81.6	756.8	7.2	25.7	789.8	106.3
Lease equipment <sup>3</sup> .....	..do.	4,347.2	107.5	146.2	4,600.9	109.6	57.8	4,768.3	366.3
Lease and land acquisitions of producing acreage.....	..do.	993.4	59.4	68.0	1,120.9	88.8	51.0	1,260.6	250.9
Fluid injection and improved recovery programs.....	..do.	1,831.7	18.3	11.1	1,861.1	43.0	9.3	1,913.4	30.4
Other development expenditures including direct overhead.....	..do.	553.7	10.1	60.3	624.1	20.2	32.3	676.6	63.6
General and administrative overhead, not reported elsewhere.....	..do.	656.8	26.4	59.8	743.0	34.5	27.9	805.4	145.3
Production expenditures.....									
Direct operating expenditures..	..do.	11,263.4	329.4	357.8	11,950.6	397.3	202.9	12,550.8	1,854.5
Operating and maintenance....	..do.	9,153.4	269.7	288.7	9,711.7	285.9	172.4	10,170.1	1,486.7
Well workovers.....	..do.	1,353.4	52.1	44.2	1,449.6	35.8	19.4	1,504.8	264.6
Other direct expenses.....	..do.	756.7	7.7	24.9	789.3	75.6	11.1	875.9	103.2
Indirect operating expenditures	..do.	19,439.0	510.3	700.1	20,649.4	536.8	331.2	21,517.5	2,144.5
Ad valorem, production, and severance taxes.....	..do.	5,243.1	207.2	204.2	5,654.5	175.6	107.2	5,937.2	668.6
General and administrative overhead.....	..do.	1,996.9	87.6	213.1	2,297.6	93.1	71.9	2,462.6	585.2
Other indirect expenses including Federal excise taxes	..do.	12,199.0	215.5	282.8	12,697.3	268.2	152.2	13,117.6	890.7

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 6B. Drilling and Asset-Related Statistics for Companies Ranked by Total Lease Revenues: 1982**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenues				
			First 8 companies	Companies 9 to 16	Companies 17 to 24	Companies 25 to 32	Companies 33 to 50
Drilling statistics:							
Exploration dry holes:							
Expenditures.....	Mil. dol....	6,576.2	2,123.1	1,124.8	591.7	317.4	335.3
Number of wells.....	Number.....	8,988	614	354	179	164	272
Total footage drilled.....	Thou. ft....	53,394	6,275	3,565	1,676	1,473	2,335
Exploration oil wells:							
Expenditures.....	Mil. dol....	2,287.8	515.0	241.3	231.9	85.8	79.7
Number of wells.....	Number.....	5,303	255	123	180	41	82
Total footage drilled.....	Thou. ft....	27,608	2,150	1,194	1,416	281	722
Exploration gas wells:							
Expenditures.....	Mil. dol....	3,818.6	1,307.8	428.8	381.9	275.5	260.9
Number of wells.....	Number.....	3,751	327	120	141	58	115
Total footage drilled.....	Thou. ft....	22,977	3,630	1,310	1,427	641	1,024
Development dry holes:							
Expenditures.....	Mil. dol....	1,861.2	402.4	238.1	88.5	77.9	122.6
Number of wells.....	Number.....	4,309	256	220	57	207	139
Total footage drilled.....	Thou. ft....	25,333	2,234	1,622	507	1,185	997
Development oil wells:							
Expenditures.....	Mil. dol....	6,075.4	1,891.4	1,017.7	389.3	291.9	325.3
Number of wells.....	Number.....	14,675	2,604	2,184	518	365	491
Total footage drilled.....	Thou. ft....	72,268	12,756	10,409	3,174	1,796	3,822
Development gas wells:							
Expenditures.....	Mil. dol....	6,745.4	1,412.7	1,074.9	469.7	571.4	508.3
Number of wells.....	Number.....	9,303	638	604	180	308	539
Total footage drilled.....	Thou. ft....	61,318	5,925	5,554	1,786	2,534	3,760
Expenditures for platforms.....	Mil. dol....	1,257.7	446.7	204.6	68.6	110.7	137.8
Drilling platforms <sup>1</sup> .....	..do.....	693.3	257.6	162.6	68.6	110.7	92.4
Production platforms <sup>2</sup> .....	..do.....	564.3	189.0	42.0			45.4
Gross book value of fixed assets (beginning of year) <sup>3</sup> .....							
Oil and gas field properties.....	..do.....	199,611.7	74,143.3	41,865.1	15,971.0	7,701.5	11,946.6
Buildings, other structures, and machinery.....	..do.....	194,844.4	72,200.4	41,457.2	15,772.4	7,569.4	11,735.2
Capitalized expenditures.....	..do.....	4,767.3	1,942.8	407.9	198.6	132.2	211.4
Oil and gas field properties.....	..do.....	46,219.0	16,168.6	6,979.1	3,502.8	2,069.1	3,249.8
Buildings, other structures, and machinery.....	..do.....	44,827.3	15,792.7	6,859.8	3,438.9	2,035.9	3,144.4
Retirement and dispositions.....	..do.....	1,391.6	375.9	119.4	63.9	33.3	105.4
Oil and gas field properties.....	..do.....	12,778.1	3,365.0	2,328.0	1,231.3	630.1	927.2
Buildings, other structures, and machinery.....	..do.....	12,194.1	3,252.2	2,313.9	1,226.9	630.1	927.2
Gross book value of fixed assets (end of year).....							
Oil and gas field properties.....	..do.....	233,051.7	86,946.8	46,516.2	18,242.6	9,140.5	14,269.2
Buildings, other structures, and machinery.....	..do.....	227,476.7	84,740.9	46,003.1	17,984.4	8,982.1	14,002.3
Depletion, depreciation, and amortization of fixed assets, cost during the year.....	..do.....	5,575.0	2,205.9	513.1	258.2	158.5	267.0
Oil and gas field properties.....	..do.....	17,501.0	5,766.1	3,226.2	1,450.5	707.1	1,047.7
Buildings, other structures, and machinery.....	..do.....	17,088.3	5,637.9	3,169.4	1,429.5	696.7	1,029.2
Depletion, depreciation, and amortization of fixed assets, end of the year.....	..do.....	412.7	128.2	56.8	21.1	10.3	18.4
Oil and gas field properties.....	..do.....	86,477.3	32,638.3	19,528.3	7,487.7	2,757.2	4,875.5
Buildings, other structures, and machinery.....	..do.....	84,815.8	32,039.5	19,296.1	7,395.1	2,715.2	4,808.7
	..do.....	1,661.5	598.8	232.2	92.6	42.0	66.7

See footnotes at end of table.

**Table 6B. Drilling and Asset-Related Statistics for Companies Ranked by Total Lease Revenues: 1982—Continued**

(Net company interest basis)

Item	Unit of measure	Companies ranked by total lease revenue--Continued							
		First 50 companies	Companies 51 to 68	Companies 69 to 100	First 100 companies	Companies 101 to 150	Companies 151 to 200	First 200 companies	All other companies
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	4,492.3	360.9	339.2	5,192.4	378.7	121.3	5,692.4	883.8
Number of wells.....	Number.....	1,583	239	277	2,098	420	385	2,904	6,084
Total footage drilled.....	Thou. ft....	15,324	2,239	1,862	19,425	2,992	3,075	25,492	27,902
Exploration oil wells:									
Expenditures.....	Mil. dol....	1,153.7	75.5	133.1	1,362.3	119.9	45.5	1,527.7	760.1
Number of wells.....	Number.....	681	40	106	827	153	93	1,073	4,230
Total footage drilled.....	Thou. ft....	5,763	326	740	6,829	1,101	575	8,505	19,103
Exploration gas wells:									
Expenditures.....	Mil. dol....	2,654.8	215.9	170.4	3,041.1	209.1	57.7	3,307.9	510.7
Number of wells.....	Number.....	761	82	136	978	207	94	1,279	2,472
Total footage drilled.....	Thou. ft....	8,032	717	1,142	9,891	1,429	663	11,983	10,994
Development dry holes:									
Expenditures.....	Mil. dol....	929.6	110.1	143.9	1,183.6	112.8	64.2	1,360.5	500.7
Number of wells.....	Number.....	879	144	154	1,177	179	203	1,559	2,750
Total footage drilled.....	Thou. ft....	6,545	1,072	1,062	8,679	1,268	1,351	11,298	14,035
Development oil wells:									
Expenditures.....	Mil. dol....	3,915.6	173.2	300.6	4,389.4	225.0	138.3	4,752.7	1,322.7
Number of wells.....	Number.....	6,162	223	414	6,798	784	438	8,020	6,655
Total footage drilled.....	Thou. ft....	31,957	1,257	2,479	35,693	3,529	2,398	41,620	30,648
Development gas wells:									
Expenditures.....	Mil. dol....	4,037.0	417.7	396.1	4,850.8	326.2	200.1	5,377.1	1,368.3
Number of wells.....	Number.....	2,269	407	440	3,115	550	457	4,122	5,181
Total footage drilled.....	Thou. ft....	19,559	3,669	2,781	26,009	2,778	2,649	31,436	29,882
Expenditures for platforms.....	Mil. dol....	968.4	159.3	74.7	1,202.5	29.8	1.6	1,233.9	23.8
Drilling platforms <sup>1</sup> .....	..do.....	568.4	159.3	74.7	670.2	29.8	1.6	681.1	12.2
Production platforms <sup>2</sup> .....	..do.....	400.0			532.3			552.8	11.5
Gross book value of fixed assets (beginning of year) <sup>3</sup> :									
Oil and gas field properties.....	..do.....	151,627.6	9,986.1	8,446.6	170,060.4	7,661.6	3,195.0	180,917.0	18,694.7
Buildings, other structures, and machinery.....	..do.....	148,734.7	9,841.9	8,236.3	166,812.8	7,297.4	3,057.6	177,167.8	17,676.6
Oil and gas field properties.....	..do.....	2,892.9	144.2	210.4	3,247.6	364.2	137.3	3,749.1	1,018.2
Buildings, other structures, and machinery.....	..do.....	31,969.5	2,229.8	2,656.7	36,855.9	2,279.0	939.0	40,073.9	6,145.1
Oil and gas field properties.....	..do.....	31,271.6	2,189.1	2,579.1	36,039.8	2,161.9	908.6	39,110.3	5,717.0
Buildings, other structures, and machinery.....	..do.....	697.8	40.7	77.6	816.1	117.2	30.5	963.8	427.8
Retirement and dispositions.....	..do.....	8,481.8	817.7	464.8	9,764.3	421.3	191.3	10,376.9	2,401.2
Oil and gas field properties.....	..do.....	8,293.5	807.0	419.9	9,520.4	413.3	168.9	10,102.6	2,091.5
Buildings, other structures, and machinery.....	..do.....	188.2	10.7	45.0	244.0	8.0	22.4	274.4	309.4
Gross book value of fixed assets (end of year):									
Oil and gas field properties.....	..do.....	175,115.3	11,398.2	10,629.0	197,142.5	9,519.3	3,942.8	210,604.6	22,447.1
Buildings, other structures, and machinery.....	..do.....	171,712.8	11,224.0	10,386.3	193,323.1	9,045.9	3,797.3	206,166.3	21,310.4
Oil and gas field properties.....	..do.....	3,402.6	174.2	242.7	3,819.4	473.4	145.4	4,438.2	1,136.8
Buildings, other structures, and machinery.....	..do.....	3,402.6	174.2	242.7	3,819.4	473.4	145.4	4,438.2	1,136.8
Depletion, depreciation, and amortization of fixed assets, cost during the year:									
Oil and gas field properties.....	..do.....	12,197.6	814.2	1,055.3	14,067.0	722.8	323.9	15,113.7	2,387.3
Buildings, other structures, and machinery.....	..do.....	11,962.7	797.6	1,037.2	13,797.5	686.2	313.4	14,797.1	2,291.2
Oil and gas field properties.....	..do.....	234.9	16.6	18.1	269.6	36.6	10.5	316.7	96.0
Buildings, other structures, and machinery.....	..do.....	234.9	16.6	18.1	269.6	36.6	10.5	316.7	96.0
Depletion, depreciation, and amortization of fixed assets, end of the year:									
Oil and gas field properties.....	..do.....	67,287.0	3,744.8	3,455.9	74,487.7	3,182.7	1,258.5	78,928.9	7,548.4
Buildings, other structures, and machinery.....	..do.....	66,254.6	3,686.3	3,395.0	73,335.8	3,039.0	1,218.0	77,592.8	7,223.1
Oil and gas field properties.....	..do.....	1,032.4	58.5	60.9	1,151.9	143.7	40.5	1,336.1	325.4
Buildings, other structures, and machinery.....	..do.....	1,032.4	58.5	60.9	1,151.9	143.7	40.5	1,336.1	325.4

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>2</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>3</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown on this table. Table 9 presents this information for groups of companies with similar accounting methods.

Table 7. Detailed Statistics for Companies, by Geographical Areas: 1982

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
Sales volumes:						
Crude petroleum and condensate...	Mil. bbl ...	2,432.3	516.2	20.5	1,587.0	308.5
From stripper well leases.....	..do.....	269.1	(2)		266.8	2.3
Lease condensate.....	..do.....	125.5	9.9		86.2	29.4
Natural gas.....	Bil. cu. ft.	13,250.5	161.9		9,024.0	4,064.5
Lease revenues:						
Crude petroleum and condensate...	Mil. dol....	102,555.8	10,497.0	670.3	71,967.8	19,420.6
Crude petroleum.....	..do.....	67,194.2	10,362.0	581.7	46,810.0	9,440.4
Lease condensate.....	..do.....	63,295.7	10,167.5	581.7	44,069.0	
Natural gas.....	..do.....	3,898.5	194.6		2,741.0	9,440.4
Income from oil and gas royalties	..do.....	32,442.2			22,434.0	9,843.9
Other lease revenues from pro-	..do.....	2,321.1	223.6		2,221.5	99.1
ducing operations.....	..do.....	598.3			502.4	37.1
Expenditures (capitalized and expensed):						
Exploration expenditures.....	..do.....	91,784.3	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	27,858.3	(X)	(X)	(X)	(X)
Dry holes.....	..do.....	12,935.8	202.8	203.8	8,678.0	3,851.3
Oil wells.....	..do.....	6,576.2	132.0	126.5	4,559.5	1,758.3
Gas wells.....	..do.....	2,287.8			1,788.3	(D)
Work-in-progress adjustment..	..do.....	3,818.6	70.8	77.3	2,583.4	(D)
Lease and land acquisitions of nonproducing acreage.....	..do.....	253.5			253.0	457.3
Land department leasing and scouting.....	..do.....	8,163.3	129.9	1,991.2	4,030.9	2,011.2
Geological and geophysical.....	..do.....	458.0	3.7	2.6	431.2	20.5
Lease rents.....	..do.....	2,997.5	74.6	282.3	2,150.8	489.8
Test hole contributions.....	..do.....	643.7			596.8	31.6
Other exploration expenditures including direct overhead.....	..do.....	47.2	12.9	12.6	22.5	14.4
General and administrative overhead, not reported elsewhere.....	..do.....	1,192.0	(X)	(X)	(X)	(X)
Development expenditures.....	..do.....	1,420.8	(X)	(X)	(X)	(X)
Drilling and equipping wells <sup>1 2</sup>	..do.....	25,458.8	(X)	(X)	(X)	(X)
Dry holes.....	..do.....	15,578.0	549.5	15.9	11,815.4	3,197.2
Oil wells.....	..do.....	1,861.2	(D)		1,596.7	(D)
Gas wells.....	..do.....	6,075.4	460.9		4,620.9	993.6
Work-in-progress adjustment..	..do.....	6,745.4	(D)		5,238.4	(D)
Lease equipment <sup>3</sup> .....	..do.....	896.1	84.0		359.5	452.6
Lease and land acquisitions of producing acreage.....	..do.....	5,134.6	1,426.9	3.9	2,442.5	1,261.3
Fluid injection and improved recovery programs.....	..do.....	1,511.5	(D)	-	1,404.2	(D)
Other development expenditures including direct overhead.....	..do.....	1,943.8	(D)	(D)	1,221.4	(D)
General and administrative overhead, not reported elsewhere.....	..do.....	740.2	(X)	(X)	(X)	(X)
Production expenditures.....	..do.....	950.7	(X)	(X)	(X)	(X)
Direct operating expenditures..	..do.....	38,067.2	(X)	(X)	(X)	(X)
Operating and maintenance....	..do.....	14,405.3	372.4	75.8	11,336.1	2,621.0
Well workovers.....	..do.....	11,656.8	318.1	56.7	9,284.0	1,998.0
Other direct expenses.....	..do.....	1,769.4	26.5	12.3	1,313.8	416.8
Indirect operating expenditures	..do.....	979.1	27.7	6.9	738.3	206.2
Ad valorem, production, and severance taxes.....	..do.....	23,662.0	(X)	(X)	(X)	(X)
General and administrative overhead.....	..do.....	6,605.8	1,630.8	34.9	4,686.5	253.5
Other indirect expenses including Federal excise taxes..	..do.....	3,047.8	(X)	(X)	(X)	(X)
	..do.....	14,008.3	1,213.2	178.5	10,040.1	2,576.5

See footnotes at end of table.



Table 7. Detailed Statistics for Companies, by Geographical Areas: 1982—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Geographical area			
			Alaska		Lower - 48	
			Onshore	Offshore	Onshore	Offshore
<b>Drilling statistics:</b>						
Exploration dry holes:						
Expenditures.....	Mil. dol....	6,576.2	132.0	126.5	4,559.5	1,758.3
Number of wells.....	Number.....	8,988	12	7	8,610	359
Total footage drilled.....	Thou. ft....	53,394	123	52	49,564	3,655
Exploration oil wells:						
Expenditures.....	Mil. dol....	2,287.8	(D)		1,788.3	(D)
Number of wells.....	Number.....	5,303	(D)		5,191	(D)
Total footage drilled.....	Thou. ft....	27,608	(D)		26,432	(D)
Exploration gas wells:						
Expenditures.....	Mil. dol....	3,818.6	(D)		2,583.4	(D)
Number of wells.....	Number.....	3,751	(D)		3,511	(D)
Total footage drilled.....	Thou. ft....	22,977	(D)		20,507	(D)
Development dry holes:						
Expenditures.....	Mil. dol....	1,861.2	(D)		1,596.7	(D)
Number of wells.....	Number.....	4,309	(D)		4,205	(D)
Total footage drilled.....	Thou. ft....	25,333	(D)		24,426	(D)
Development oil wells:						
Expenditures.....	Mil. dol....	6,075.4	(D)		4,620.9	993.6
Number of wells.....	Number.....	14,675	(D)		13,905	638
Total footage drilled.....	Thou. ft....	72,268	(D)		66,515	4,361
Development gas wells:						
Expenditures.....	Mil. dol....	6,745.4	(D)		5,238.4	(D)
Number of wells.....	Number.....	9,303	(D)		8,863	(D)
Total footage drilled.....	Thou. ft....	61,318	(D)		57,152	(D)
Expenditures for platforms.....	Mil. dol....	1,257.7	(D)		32.4	(D)
Drilling platforms <sup>2</sup> .....	..do.....	693.3	(D)		5.3	(D)
Production platforms <sup>3</sup> .....	..do.....	564.3	(D)		27.2	(D)
Gross book value of fixed assets						
(end of year) <sup>4</sup> .....	..do.....	233,051.7	10,522.3	3,549.1	150,709.2	68,271.1
Oil and gas field properties.....	..do.....	227,476.7	9,971.9	3,541.7	146,180.2	67,783.0
Buildings, other structures, and machinery.....	..do.....	5,575.0	550.4	7.4	4,529.1	488.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 8. Detailed Statistics for the Offshore Lower 48 States for Companies Ranked by Total Lease Revenues: 1982**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 50	Companies 51 to 200	All other companies
<b>Sales volumes:</b>							
Crude petroleum and condensate...	Mill. bbl....	308.5	150.9	67.9	73.3	13.0	3.5
From stripper well leases.....	..do.....	2.3	.5	.3	.2	(2)	1.4
Lease condensate.....	..do.....	29.4	12.6	7.5	6.3	2.6	4
Natural gas.....	Bill. cu. ft.	4,064.5	1,792.9	945.6	944.0	324.4	57.7
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>19,420.6</b>	<b>8,553.4</b>	<b>4,454.6</b>	<b>4,757.2</b>	<b>1,381.6</b>	<b>273.8</b>
Crude petroleum and condensate...	..do.....	9,440.4	4,612.1	2,156.4	2,176.7	399.0	96.2
Crude petroleum.....	..do.....	9,440.4	4,202.7	1,913.1	1,967.0	399.0	84.0
Lease condensate.....	..do.....		409.4	243.3	209.7		12.1
Natural gas.....	..do.....	9,843.9	3,893.0	2,262.8	2,565.3	962.8	160.1
Income from oil and gas royalties	..do.....	49.1	45.4	27.2	12.7	9.5	4.2
Other lease revenues from producing operations.....	..do.....	37.1	2.9	8.2	2.4	10.3	13.3
<b>Expenditures (capitalized and expensed):</b>							
<b>Exploration expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,851.3	1,677.6	770.5	1,006.0	362.0	35.2
Dry holes.....	..do.....	1,758.3	729.5	416.5	447.0	150.1	15.1
Oil wells.....	..do.....	(D)	264.4	86.4	80.6	18.4	(D)
Gas wells.....	..do.....	(D)	483.9	156.5	416.8	115.3	(D)
Work-in-progress adjustment..	..do.....	457.3	199.8	111.1	61.4	78.2	6.8
Lease and land acquisitions of nonproducing acreage.....	..do.....	2,011.2	789.6	451.0	507.3	237.3	26.0
Land department leasing and scouting.....	..do.....	20.5	5.3	4.8	7.1	3.3	(2)
Geological and geophysical....	..do.....	489.8	275.8	108.4	67.5	33.5	4.7
Lease rents.....	..do.....	31.6	12.2	5.2	8.3	5.6	.4
Test hole contributions.....	..do.....	14.4	11.6	.2	2.6	-	(2)
<b>Development expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup>	..do.....	3,197.2	1,414.3	535.1	851.1	356.5	40.2
Dry holes.....	..do.....	(D)	117.4	34.8	66.3	33.2	(D)
Oil wells.....	..do.....	993.6	433.6	199.0	298.4	57.0	5.7
Gas wells.....	..do.....	(D)	533.0	295.5	424.6	225.3	(D)
Work-in-progress adjustment..	..do.....	452.6	330.3	5.8	61.8	41.0	13.8
Lease equipment <sup>3</sup> .....	..do.....	1,261.3	573.0	206.2	343.0	132.3	6.9
Lease and land acquisitions of producing acreage.....	..do.....	(D)	(D)	8.8	(D)	(D)	7.8
Fluid injection and improved recovery programs.....	..do.....			1.3			(2)
<b>Production expenditures:</b>							
Direct operating expenditures..	..do.....	2,621.0	1,207.4	508.0	733.4	138.7	33.6
Operating and maintenance....	..do.....	1,998.0	793.5	403.8	662.3	112.3	26.2
Well workovers.....	..do.....	416.8	223.6	100.9	66.0	22.2	4.2
Other direct expenses.....	..do.....	206.2	190.2	3.3	5.2	4.3	3.1
Indirect operating expenditures:							
Ad valorem, production, and severance taxes.....	..do.....	253.5	94.7	23.7	93.4	35.2	6.5
Other indirect expenses including federal excise taxes..	..do.....	2,576.5	1,231.5	753.8	467.3	101.7	22.1

See footnotes at end of table.

**Table 8. Detailed Statistics for the Offshore Lower 48 States for Companies Ranked by Total Lease Revenues: 1982—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Companies ranked by total lease revenue				
			First 8 companies	Companies 9 to 16	Companies 17 to 50	Companies 51 to 200	All other companies
<b>Drilling statistics:</b>							
<b>Exploration dry holes:</b>							
Expenditures.....	Mil. dol....	1,758.3	729.5	416.5	447.0	150.1	15.1
Number of wells.....	Number.....	359	121	60	91	66	21
Total footage drilled.....	Thou. ft....	3,655	1,390	694	1,000	459	112
<b>Exploration oil wells:</b>							
Expenditures.....	Mil. dol....	(D)	264.4	86.4	80.6	18.4	(D)
Number of wells.....	Number.....	(D)	46	24	18	17	(D)
Total footage drilled.....	Thou. ft....	(D)	522	263	192	145	(D)
<b>Exploration gas wells:</b>							
Expenditures.....	Mil. dol....	(D)	483.9	156.5	416.8	115.3	(D)
Number of wells.....	Number.....	(D)	77	26	58	69	(D)
Total footage drilled.....	Thou. ft....	(D)	938	282	615	537	(D)
<b>Development dry holes:</b>							
Expenditures.....	Mil. dol....	(D)	117.4	34.8	66.3	33.2	(D)
Number of wells.....	Number.....	(D)	53	12	21	14	(D)
Total footage drilled.....	Thou. ft....	(D)	435	137	208	85	(D)
<b>Development oil wells:</b>							
Expenditures.....	Mil. dol....	993.6	433.6	199.0	298.4	57.0	5.7
Number of wells.....	Number.....	638	355	74	176	31	2
Total footage drilled.....	Thou. ft....	4,361	2,396	573	1,151	217	24
<b>Development gas wells:</b>							
Expenditures.....	Mil. dol....	(D)	533.0	295.5	424.6	225.3	(D)
Number of wells.....	Number.....	(D)	181	77	95	71	(D)
Total footage drilled.....	Thou. ft....	(D)	1,718	873	926	539	(D)
Expenditures for platforms.....	Mil. dol....	(D)	444.3	204.5	301.8	251.3	(D)
Drilling platforms <sup>2</sup> .....	..do.....	(D)	257.6	162.6	140.8	112.7	(D)
Production platforms <sup>3</sup> .....	..do.....	(D)	186.7	41.8	161.0	138.6	(D)
<b>Gross book value of fixed assets</b>							
(end of year) <sup>4</sup> .....	..do.....	68,271.1	28,357.9	16,912.4	15,318.5	6,819.8	862.4
Oil and gas field properties.....	..do.....	67,783.0	28,096.2	16,841.9	15,189.6	6,810.1	845.4
Buildings, other structures, and machinery.....	..do.....	488.1	261.7	70.5	128.9	9.7	17.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>4</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 9 presents this information for groups of companies with similar accounting methods.

**Table 9. Detailed Statistics for Companies Grouped by Accounting Method and by Legal Form of Organization: 1982**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Sales volumes:									
Crude petroleum and condensate...	Mill. bbl....	2,432.3	2,093.7	246.7	91.9	2,294.4	46.1	42.3	49.5
From stripper well leases.....	..do.....	269.1	205.1	47.0	17.0	243.0	14.8	10.0	1.3
Lease condensate.....	..do.....	125.5	107.5	15.6	2.4	115.8	7.1	2.5	.1
Natural gas.....	Bil. cu. ft.	13,250.5	9,868.8	2,950.4	431.3	12,816.6	196.4	187.7	49.8
Lease revenues.....									
Crude petroleum and condensate...	Mill. dol....	102,555.8	82,732.3	16,377.5	3,446.0	97,457.9	2,097.0	1,757.2	1,243.7
Crude petroleum.....	..do.....	67,194.2	57,825.3	7,227.3	2,141.6	63,415.8	1,478.2	1,302.7	997.5
Lease petroleum.....	..do.....	63,295.7	54,797.0	6,442.4	2,056.3	59,842.1	1,224.2	1,235.9	993.5
Lease condensate.....	..do.....	3,898.5	3,028.3	784.9	85.3	3,573.7	254.0	66.8	4.0
Natural gas.....	..do.....	32,442.2	22,705.0	8,545.2	1,192.0	31,272.2	540.5	390.7	238.8
Income from oil and gas royalties	..do.....	2,321.1	1,784.1	444.5	92.5	2,201.9	55.9	58.4	4.9
Other lease revenues from pro- ducing operations.....	..do.....	598.3	417.9	160.4	20.0	568.1	22.3	5.4	2.5
Expenditures (capitalized and expensed).....									
Exploration expenditures.....	..do.....	91,784.3	71,344.9	18,342.5	2,096.9	87,744.3	2,320.3	1,441.0	278.7
Drilling and equipping wells <sup>1 2</sup>	..do.....	27,858.3	20,141.8	7,237.6	478.9	26,902.0	469.7	448.9	37.7
Dry holes.....	..do.....	12,935.8	9,006.1	3,597.2	332.5	12,431.8	250.0	227.7	26.3
Oil wells.....	..do.....	6,576.2	4,832.9	1,562.5	180.8	6,380.7	98.6	78.8	18.1
Gas wells.....	..do.....	2,287.8	1,579.7	600.2	107.9	2,074.6	89.6	116.5	7.1
Work-in-progress adjustment..	..do.....	3,818.6	2,652.7	1,090.0	75.9	3,721.2	66.2	30.1	1.1
Lease and land acquisitions of nonproducing acreage.....	..do.....	253.5	-59.2	344.6	-31.9	255.5	-4.4	2.4	-
Land department leasing and scouting.....	..do.....	8,163.3	6,141.3	1,941.8	80.2	7,910.4	100.0	148.1	4.8
Geological and geophysical.....	..do.....	458.0	283.0	164.9	10.1	440.7	10.7	5.8	.8
Lease rents.....	..do.....	2,997.5	2,507.4	473.8	16.3	2,967.3	23.3	4.8	2.1
Test hole contributions.....	..do.....	643.7	416.9	216.1	10.7	623.8	11.8	7.3	.8
Other exploration expenditures including direct overhead....	..do.....	47.2	38.4	7.6	1.2	46.7	.1	.4	-
General and administrative overhead, not reported elsewhere.....	..do.....	1,192.0	894.4	287.3	10.3	1,157.0	18.2	16.0	.8
Development expenditures.....	..do.....	1,420.8	854.3	548.9	17.6	1,324.4	55.6	38.8	2.0
Drilling and equipping wells <sup>1 2</sup>	..do.....	25,858.8	18,722.0	6,348.7	788.1	24,240.6	1,127.9	358.8	131.5
Dry holes.....	..do.....	15,578.0	10,509.6	4,506.8	561.6	14,339.5	997.9	190.1	50.5
Oil wells.....	..do.....	1,861.2	1,221.1	542.6	97.5	1,585.1	228.9	46.3	.9
Gas wells.....	..do.....	6,075.4	4,383.7	1,410.8	280.9	5,610.2	327.1	88.8	49.3
Work-in-progress adjustment..	..do.....	6,745.4	4,348.6	2,213.4	183.4	6,250.6	439.7	55.1	-
Lease equipment <sup>3</sup> .....	..do.....	896.1	556.3	340.0	-0.2	893.6	2.2	(2)	.3
Lease and land acquisitions of producing acreage.....	..do.....	5,134.6	4,287.3	710.3	137.0	4,953.9	74.5	60.3	45.9
Fluid injection and improved recovery programs.....	..do.....	1,511.5	1,000.3	494.0	17.2	1,409.4	10.0	84.6	7.5
Other development expenditures including direct overhead....	..do.....	1,943.8	1,775.6	140.3	27.9	1,919.0	7.3	.5	17.0
General and administrative overhead not reported elsewhere.....	..do.....	740.2	544.9	172.8	22.5	712.8	6.9	10.4	10.1
Production expenditures.....	..do.....	950.7	604.3	324.3	22.1	905.8	31.5	12.9	.5
Direct operating expenditures....	..do.....	38,067.2	32,480.9	4,756.4	829.9	36,601.6	722.8	633.3	109.5
Operating and maintenance.....	..do.....	14,405.3	11,868.0	2,148.3	389.0	13,784.5	310.0	247.2	63.6
Well workovers.....	..do.....	11,656.8	9,665.7	1,692.7	298.4	11,123.7	268.2	211.5	53.4
Other direct expenses.....	..do.....	1,769.4	1,371.0	333.0	65.4	1,701.7	35.2	25.1	7.4
Indirect operating expenditures..	..do.....	979.1	831.3	122.6	25.2	959.3	6.6	10.5	2.7
Ad valorem, production, and severance taxes.....	..do.....	23,662.0	20,612.9	2,608.2	440.9	22,817.2	412.8	386.1	45.9
General and administrative overhead.....	..do.....	6,605.8	5,607.2	879.1	119.5	6,290.5	159.6	148.0	7.7
Other indirect expenses in- cluding Federal excise taxes..	..do.....	3,047.8	2,367.7	596.3	83.8	2,940.7	45.4	50.6	11.1
	..do.....	14,008.3	12,638.0	1,132.6	237.7	13,586.1	207.7	187.5	27.0

See footnotes at end of table.

**Table 9. Detailed Statistics for Companies Grouped by Accounting Method and by Legal Form of Organization: 1982—Continued**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Gross book value of fixed assets (beginning of year).....	Mil. dol....	199,611.7	148,956.7	47,689.5	2,965.5	195,399.6	1,266.7	1,827.0	1,118.4
Oil and gas field properties.....	..do.....	194,844.4	145,498.9	46,530.5	2,815.0	190,829.3	1,154.3	1,763.3	1,097.5
Nonproducing properties.....	..do.....	38,439.5	23,721.8	14,422.8	294.9	38,055.4	198.3	171.5	14.3
Leaseholds.....	..do.....	29,697.1	22,533.0	6,885.2	278.9	29,372.8	156.6	154.7	13.0
Other pre-development accounts.....	..do.....	8,742.4	1,188.8	7,537.6	16.0	8,682.6	41.7	16.8	1.3
Producing properties.....	..do.....	141,568.8	110,822.5	28,263.3	2,483.0	137,954.9	951.2	1,579.6	1,083.1
Leaseholds.....	..do.....	30,131.7	23,977.2	5,293.0	861.5	29,282.3	200.0	114.9	534.5
Intangible drilling and development accounts.....	..do.....	64,252.8	49,111.0	14,589.0	552.8	63,362.8	114.5	439.7	335.8
Lease and well equipment.....	..do.....	47,184.3	37,734.2	8,381.5	1,068.6	45,309.7	636.7	1,025.1	212.8
Work-in-progress.....	..do.....	14,836.1	10,954.6	3,844.4	37.1	14,819.1	4.8	12.2	-
Intangible drilling and development accounts.....	..do.....	8,991.2	6,186.0	2,781.9	23.3	8,980.9	2.6	7.7	-
Lease and well equipment.....	..do.....	5,844.9	4,768.6	1,062.5	13.8	5,838.2	2.2	4.5	-
Buildings, other structures, and machinery.....	..do.....	4,767.3	3,457.8	1,159.1	150.4	4,570.4	112.4	63.6	20.9
Capitalized expenditures.....	..do.....	46,219.0	32,497.2	12,891.9	829.9	45,180.0	445.6	458.4	135.0
Oil and gas field properties.....	..do.....	44,827.3	31,719.2	12,338.8	769.3	43,864.3	385.2	447.8	130.0
Nonproducing properties.....	..do.....	10,055.7	6,402.1	3,457.9	195.7	9,824.7	100.6	126.3	4.1
Leaseholds.....	..do.....	7,963.9	5,973.9	1,821.4	168.6	7,749.8	85.1	124.9	4.1
Other pre-development accounts.....	..do.....	2,091.9	428.2	1,636.6	27.1	2,074.9	15.6	1.4	-
Producing properties.....	..do.....	21,385.8	14,922.2	5,909.9	553.7	20,668.3	275.8	315.8	125.9
Leaseholds.....	..do.....	2,328.7	1,406.3	800.9	121.5	2,213.4	58.7	49.7	6.9
Intangible drilling and development accounts.....	..do.....	11,052.0	7,479.4	3,412.3	160.3	10,835.6	41.0	107.3	68.1
Lease and well equipment.....	..do.....	8,005.3	6,036.4	1,697.0	271.9	7,619.6	176.0	158.7	51.0
Work-in-progress.....	..do.....	13,385.9	10,394.9	2,970.9	20.1	13,371.2	9.0	5.7	-
Intangible drilling and development accounts.....	..do.....	8,664.7	6,545.9	2,117.0	1.8	8,663.4	.5	.8	-
Lease and well equipment.....	..do.....	4,721.1	3,849.0	853.8	18.3	4,707.8	8.5	4.8	-
Buildings, other structures, and machinery.....	..do.....	1,391.6	778.1	552.9	60.6	1,315.5	60.5	10.6	5.0
Retirements and dispositions.....	..do.....	12,778.1	8,926.1	3,650.6	201.4	12,477.9	154.6	144.6	1.0
Oil and gas properties.....	..do.....	12,194.1	8,709.9	3,288.3	195.9	11,946.9	104.0	142.2	1.0
Nonproducing properties.....	..do.....	3,343.8	2,186.0	1,049.0	108.8	3,264.7	60.4	18.1	.6
Leaseholds.....	..do.....	2,793.0	2,031.3	665.9	95.8	2,752.4	22.0	18.0	.6
Other pre-development accounts.....	..do.....	550.8	154.8	383.1	12.9	512.2	38.5	.1	-
Producing properties.....	..do.....	4,869.9	2,967.1	1,826.5	76.3	4,704.4	41.9	123.2	.4
Leaseholds.....	..do.....	765.8	485.0	270.4	10.4	696.9	9.6	59.3	-
Intangible drilling and development accounts.....	..do.....	2,654.8	1,666.7	980.1	8.0	2,618.0	5.2	31.6	-
Lease and well equipment.....	..do.....	1,449.3	815.4	575.9	58.0	1,389.4	27.2	32.3	.4
Work-in-progress.....	..do.....	3,980.2	3,556.8	412.9	10.5	3,977.8	1.5	.9	-
Intangible drilling and development accounts.....	..do.....	2,992.8	2,677.3	310.8	4.7	2,991.9	.9	(.7)	-
Lease and well equipment.....	..do.....	987.4	879.5	102.1	5.8	986.0	.6	.8	-
Buildings, other structures, and machinery.....	..do.....	583.8	216.2	362.1	5.5	530.9	50.5	2.4	-
Gross book value of fixed assets (end of year).....	..do.....	233,051.7	172,527.8	56,930.3	3,593.6	228,100.8	1,557.7	2,140.8	1,252.4
Oil and gas field properties.....	..do.....	227,476.7	168,508.2	55,580.2	3,388.3	222,746.0	1,435.4	2,068.9	1,226.4
Nonproducing properties.....	..do.....	43,793.1	26,271.5	17,145.7	375.9	43,277.9	219.6	278.4	17.2
Leaseholds.....	..do.....	33,115.3	24,898.4	7,868.9	348.0	32,638.2	201.0	260.3	15.8
Other pre-development accounts.....	..do.....	10,677.9	1,373.1	9,276.9	27.9	10,639.7	18.8	18.1	1.3
Producing properties.....	..do.....	167,379.3	130,120.5	34,280.7	2,978.1	163,180.5	1,211.3	1,778.2	1,209.3
Leaseholds.....	..do.....	33,679.4	26,661.2	6,041.6	976.6	32,763.2	267.7	106.6	541.9
Intangible drilling and development accounts.....	..do.....	77,763.1	58,730.6	18,326.8	705.7	76,687.5	151.6	520.1	403.9
Lease and well equipment.....	..do.....	55,936.8	44,728.7	9,912.2	1,295.9	53,729.8	792.0	1,151.5	263.4
Work-in-progress.....	..do.....	16,304.4	12,116.1	4,153.8	34.5	16,287.5	4.6	12.3	-
Intangible drilling and development accounts.....	..do.....	9,142.1	6,250.4	2,871.0	20.7	9,136.2	.9	5.0	-
Lease and well equipment.....	..do.....	7,162.3	5,865.7	1,282.8	13.8	7,151.4	3.6	7.3	-
Buildings, other structures, and machinery.....	..do.....	5,575.0	4,019.6	1,350.1	205.3	5,354.8	122.3	71.9	26.0

See footnotes at end of table.

Table 9. Detailed Statistics for Companies Grouped by Accounting Method and by Legal Form of Organization: 1982—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by--						
			Accounting method			Legal form of organization			
			Successful efforts	Full cost	Combined or other methods	Corporation	Individual proprietorship	Partnership	Other
Depletion, depreciation, and amortization of fixed assets:									
Cost during 1981.....	Mil. dol....	17,501.0	12,457.2	4,864.6	179.2	17,188.1	163.7	138.8	10.4
Oil and gas properties.....	..do.....	17,088.3	12,163.7	4,761.5	163.1	16,797.0	150.3	130.9	10.1
Nonproducing properties.....	..do.....	4,137.9	2,831.7	1,299.9	6.3	4,118.9	16.7	2.0	.3
Leaseholds.....	..do.....	3,095.8	2,704.0	387.0	4.8	3,082.5	11.7	1.4	.2
Other pre-development accounts.....	..do.....	1,042.1	127.7	912.8	1.6	1,036.4	5.0	.6	.1
Producing properties.....	..do.....	12,774.0	9,299.7	3,318.8	155.5	12,502.5	132.8	128.8	9.9
Leaseholds.....	..do.....	2,380.9	1,602.8	734.3	43.8	2,338.7	34.2	6.6	1.4
Intangible drilling and development accounts.....	..do.....	6,088.5	4,437.7	1,623.4	27.4	6,028.7	28.6	26.5	4.7
Lease and well equipment.....	..do.....	4,304.8	3,259.1	961.2	84.5	4,135.3	70.0	95.7	3.8
Work-in-progress.....	..do.....	176.5	32.3	143.0	1.2	175.5	.9	.1	-
Intangible drilling and development accounts.....	..do.....	130.4	24.4	105.4	.6	130.2	.2	-	-
Lease and well equipment.....	..do.....	46.1	7.9	37.6	.6	45.3	.7	.1	-
Buildings, other structures, and machinery.....	..do.....	412.7	293.4	103.2	16.1	391.1	13.4	7.9	.3
Accumulated cost, end of 1982....	..do.....	86,477.3	67,674.2	18,094.6	708.5	85,043.5	590.1	795.3	48.4
Oil and gas field properties.....	..do.....	84,815.8	66,422.5	17,743.3	650.0	83,461.6	541.9	764.6	47.7
Nonproducing properties.....	..do.....	11,441.7	6,998.8	4,427.5	15.4	11,404.5	23.2	13.5	.5
Leaseholds.....	..do.....	7,853.2	6,370.5	1,472.5	10.2	7,828.1	17.8	6.9	.4
Other pre-development accounts.....	..do.....	3,588.5	628.3	2,955.0	5.2	3,576.5	5.4	6.5	.1
Producing properties.....	..do.....	72,786.0	59,362.0	12,792.5	631.5	71,470.0	517.8	751.0	47.2
Leaseholds.....	..do.....	13,631.8	10,918.0	2,583.1	130.7	13,438.9	111.1	75.1	6.7
Intangible drilling and development accounts.....	..do.....	33,193.4	27,016.4	6,101.4	75.6	33,014.7	29.7	128.8	20.2
Lease and well equipment.....	..do.....	25,960.7	21,427.6	4,108.0	425.1	25,016.4	376.9	547.1	20.3
Work-in-progress.....	..do.....	588.0	61.6	523.2	3.2	587.0	.9	.1	-
Intangible drilling and development accounts.....	..do.....	423.3	42.5	378.8	2.0	423.2	.1	-	-
Lease and well equipment.....	..do.....	164.8	19.1	144.5	1.2	163.9	.8	.1	-
Buildings, other structures, and machinery.....	..do.....	1,661.5	1,251.6	351.4	58.5	1,581.9	48.2	30.7	.7
Drilling statistics:									
Exploration dry holes:									
Expenditures.....	Mil. dol....	6,576.2	4,832.9	1,562.5	180.8	6,380.7	98.6	78.8	18.1
Number of wells.....	Number.....	8,988	4,252	3,961	775	7,315	770	865	38
Total footage drilled.....	Thou. ft....	53,394	30,106	18,660	4,628	45,560	3,952	3,686	196
Exploration oil wells:									
Expenditures.....	Mil. dol....	2,287.8	1,579.7	600.2	107.9	2,074.8	89.6	116.3	7.1
Number of wells.....	Number.....	5,303	3,051	1,849	403	4,420	373	493	17
Total footage drilled.....	Thou. ft....	27,608	16,725	8,177	2,706	22,937	2,463	2,122	86
Exploration gas wells:									
Expenditures.....	Mil. dol....	3,818.6	2,652.0	1,090.7	75.9	3,721.2	66.2	30.1	1.1
Number of wells.....	Number.....	3,751	2,358	1,263	130	3,345	184	220	2
Total footage drilled.....	Thou. ft....	22,977	14,046	7,963	968	20,512	1,245	1,196	24
Development dry holes:									
Expenditures.....	Mil. dol....	1,861.2	1,219.0	544.7	97.5	1,585.1	228.9	46.3	.9
Number of wells.....	Number.....	4,309	2,113	1,777	419	3,446	497	359	7
Total footage drilled.....	Thou. ft....	25,333	13,253	9,971	2,109	19,978	3,981	1,330	44
Development oil wells:									
Expenditures.....	Mil. dol....	6,075.4	4,382.7	1,411.8	280.9	5,610.2	327.1	88.8	49.3
Number of wells.....	Number.....	14,675	10,057	3,409	1,209	12,861	1,051	623	140
Total footage drilled.....	Thou. ft....	72,268	45,991	20,291	5,986	63,979	5,126	2,321	842
Development gas wells:									
Expenditures.....	Mil. dol....	6,745.4	4,349.6	2,212.4	183.4	6,250.6	439.7	55.1	-
Number of wells.....	Number.....	9,303	5,371	3,441	491	8,444	708	151	-
Total footage drilled.....	Thou. ft....	61,318	33,044	25,118	3,156	53,978	6,371	969	-
Expenditures for platforms.....	Mil. dol....	1,257.7	913.4	340.7	3.6	1,242.3	12.4	3.0	-
Drilling platforms <sup>2</sup> .....	..do.....	693.3	516.6	173.6	3.1	692.2	1.1	-	-
Production platforms <sup>3</sup> .....	..do.....	564.3	396.8	167.2	.4	550.1	11.3	3.0	-

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 10. Detailed Statistics for Companies by Lease Classification and by Owner and Nonowner Operated Categories: 1982**

(Net company interest basis)

Item	Unit of measure	United States, total	Lease classification			Operator	
			Oil leases	Gas leases	Combined leases	Owner operated properties	Nonowner operated properties
<b>Sales volumes:</b>							
Crude petroleum and condensate...	Mill. bbl....	2,432.3	1,577.9	100.8	753.7	1,536.8	895.4
From stripper well leases.....	..do.....	269.1	239.8	3.3	26.1	200.1	68.9
Lease condensate.....	..do.....	125.5	-	93.2	32.3	75.1	50.4
Natural gas.....	Bil. cu. ft.	13,250.5	1,327.3	8,752.8	3,170.6	8,554.0	4,696.5
<b>Lease revenues.....</b>	<b>Mill. dol....</b>	<b>102,555.8</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>64,120.3</b>	<b>38,435.6</b>
Crude petroleum and condensate...	..do.....	67,194.2	44,700.7	2,911.3	19,582.3	43,182.6	24,011.7
Crude petroleum.....	..do.....	63,295.7	44,700.7	(X)	18,595.1	40,706.3	22,589.5
Lease condensate.....	..do.....	3,898.5	(X)	2,911.3	987.2	2,476.4	1,422.1
Natural gas.....	..do.....	32,442.2	3,351.1	22,384.6	6,706.5	20,447.2	11,995.0
Income from oil and gas royalties	..do.....	2,321.1	(X)	(X)	(X)	(X)	2,321.0
Other lease revenues from producing operations.....	..do.....	598.3	(X)	(X)	(X)	490.4	108.0
<b>Expenditures (capitalized and expensed):</b>							
<b>Exploration expenditures:</b>							
Drilling and equipping wells <sup>1 2 3</sup> .....	..do.....	12,935.8	4,215.0	6,175.3	2,545.6	8,314.1	4,621.6
Dry holes.....	..do.....	6,576.2	2,161.8	2,848.1	1,566.4	4,349.4	2,226.8
Oil wells.....	..do.....	2,287.8	1,883.3	(X)	404.4	1,581.4	706.3
Gas wells.....	..do.....	3,818.6	(X)	3,503.3	315.3	2,537.5	1,281.1
Work-in-progress adjustment..	..do.....	253.5	170.0	-176.1	259.5	-154.0	407.6
<b>Development expenditures:</b>							
Drilling and equipping wells <sup>1 2</sup> ..do.....	..do.....	15,578.0	5,951.0	7,265.0	2,362.1	10,164.8	5,413.3
Dry holes.....	..do.....	1,861.2	586.1	1,014.2	261.0	1,122.3	738.9
Oil wells.....	..do.....	6,075.4	4,822.4	(X)	1,253.0	4,311.8	1,763.8
Gas wells.....	..do.....	6,745.4	(X)	6,219.0	526.4	4,110.7	2,634.6
Work-in-progress adjustment..	..do.....	896.1	542.5	32.0	321.7	620.0	276.2
Lease equipment <sup>4</sup> .....	..do.....	5,134.6	(X)	(X)	(X)	5,817.1	3,513.0
Lease and land acquisitions of producing acreage.....	..do.....	1,511.5	(X)	(X)	(X)		
Fluid injection and improved recovery programs.....	..do.....	1,943.8	(X)	(X)	(X)		
Other development expenditures including direct overhead....	..do.....	740.2	(X)	(X)	(X)		
<b>Production expenditures:</b>							
Direct operating expenditures..	..do.....	14,405.3	8,191.0	2,549.7	3,664.6	10,233.5	4,171.8
Operating and maintenance....	..do.....	11,656.8	6,652.1	1,946.0	3,058.7	(X)	(X)
Well workovers.....	..do.....	1,769.4	915.0	412.3	442.2	(X)	(X)
Other direct expenses.....	..do.....	979.1	624.0	191.5	163.6	(X)	(X)
<b>Indirect operating expenditures:</b>							
Ad valorem, production, and severance taxes.....	..do.....	6,605.8	(X)	(X)	(X)	3,889.5	2,716.2
Other indirect expenses including Federal excise taxes	..do.....	14,008.3	(X)	(X)	(X)	8,806.1	5,202.2

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier years drilling and equipping expenditures for wells completed during the survey year.

<sup>2</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>3</sup>The detail of this table does not add to totals presented for these items since not all expenditures for dry holes and work-in-progress adjustment data occur on leases classifiable by commercial presence of oil or gas.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

**Table 11. Detailed Statistics for the Onshore Lower 48 States for Companies Grouped by the Percentage of Stripper Well Lease Volumes to the Total Sales Volumes: 1982**

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>							
			0.0 to 4.9	5.0 to 9.9	10.0 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 and over
Sales volumes:										
Crude petroleum and condensate...	Mil. bbl....	1,587.0	214.7	483.6	551.3	175.0	46.7	10.4	22.1	83.2
From stripper well leases.....	..do.....	266.8	1.9	38.2	82.6	40.0	15.4	4.7	12.0	72.1
Lease condensate.....	..do.....	86.2	17.4	25.5	26.3	7.9	4.5	0.7	2.0	2.0
Natural gas.....	Bil. cu. ft.	9,024.0	1,722.8	2,266.1	2,765.4	1,151.6	475.8	62.5	228.0	351.8
Lease revenues.....										
Crude petroleum and condensate...	Mil. dol....	71,967.8	11,607.6	20,456.8	23,472.8	8,012.1	2,896.3	546.5	1,540.1	3,435.7
Crude petroleum.....	..do.....	46,810.0	5,891.9	14,416.9	16,392.2	5,263.0	1,440.1	314.4	653.7	2,437.7
Lease condensate.....	..do.....	44,069.0	5,350.4	13,578.9	15,530.9	5,010.5	1,307.1	294.3	599.5	2,397.3
Natural gas.....	..do.....	2,741.0	541.5	837.9	861.3	252.6	133.0	20.1	54.2	40.4
Income from oil and gas royalties	..do.....	22,434.0	5,237.1	5,479.5	6,294.8	2,322.7	1,279.8	176.3	814.7	829.1
Other lease revenues from producing operations.....	..do.....	2,221.5	358.3	475.3	670.1	319.5	168.4	55.7	71.7	115.7
		502.4	120.3	85.1	115.8	106.9	8.0			
Expenditures (capitalized and expensed):										
Exploration expenditures:										
Drilling and equipping wells <sup>2 3</sup>	..do.....	8,678.0	2,546.5	1,829.3	2,100.6	736.5	482.5	106.2	187.6	688.8
Dry holes.....	..do.....	4,559.5	1,224.6	1,029.6	1,273.1	429.0	197.3	41.3	97.1	267.4
Oil wells.....	..do.....	1,788.3	450.2	323.0	430.9	120.6	167.2	43.8	30.3	222.4
Gas wells.....	..do.....	2,583.4	702.6	781.0	645.4	150.3	106.5	19.3	53.8	124.4
Work-in-progress adjustment..	..do.....	-253.0	169.2	-304.2	-248.8	36.5	11.5	1.8	6.4	74.7
Lease and land acquisitions of nonproducing acreage.....	..do.....	4,030.9	1,282.0	616.8	1,005.6	626.7	265.5	40.3	82.2	111.8
Land department leasing and scouting.....	..do.....	431.2	127.3	64.2	160.0	40.2	17.5	2.8	6.0	13.2
Geological and geophysical....	..do.....	2,150.8	266.1	511.5	957.5	302.1	69.5	7.0	9.3	27.8
Lease rents.....	..do.....	596.8	180.0	110.6	156.1	73.3	36.4	2.9	21.7	19.5
Test hole contributions.....	..do.....	22.5	1.8	9.6	4.4	1.5	1.5			
Development expenditures:										
Drilling and equipping wells <sup>2 3</sup>	..do.....	11,815.4	2,754.2	2,627.1	2,959.7	1,174.4	482.1	160.7	491.9	1,165.3
Dry holes.....	..do.....	1,596.7	371.7	381.6	332.9	156.6	71.9	18.6	23.5	239.8
Oil wells.....	..do.....	4,620.9	1,026.0	1,060.5	1,228.7	505.4	159.2	117.1	153.6	370.5
Gas wells.....	..do.....	5,238.4	1,223.1	1,068.4	1,348.0	484.5	255.1	23.9	325.4	510.0
Work-in-progress adjustment..	..do.....	359.5	133.4	116.7	50.2	27.8	-4.1	1.2	-10.6	45.0
Lease equipment <sup>4</sup> .....	..do.....	2,442.5	355.3	621.3	932.0	269.7	97.0	46.1	36.0	101.4
Lease and land acquisitions of producing acreage.....	..do.....	1,404.2	320.3	284.8	156.2	544.1	56.2			
Fluid injection and improved recovery programs.....	..do.....	1,221.4	64.3	450.6	513.1	117.9	47.8	5.5	9.5	12.7
Production expenditures:										
Direct operating expenditures..	..do.....	11,336.1	1,180.2	2,841.1	4,588.8	1,323.7	370.6	112.1	150.9	768.7
Operating and maintenance....	..do.....	9,284.0	845.6	2,090.7	4,121.1	1,066.7	319.4	85.0	136.6	618.8
Well workovers.....	..do.....	1,313.8	194.7	433.8	425.8	97.7	28.4	5.4	12.7	115.4
Other direct expenses.....	..do.....	738.3	139.9	316.6	41.9	159.3	22.8	21.7	1.7	34.4
Indirect operating expenditures:										
Ad valorem, production, and severance taxes.....	..do.....	4,686.5	700.4	1,316.2	1,585.9	535.3	193.3	57.5	107.5	190.5
Other indirect expenses including Federal excise taxes	..do.....	10,040.1	812.9	3,843.2	3,491.2	1,138.3	276.6	58.6	122.0	297.3

See footnotes at end of table.



Table 11. Detailed Statistics for the Onshore Lower 48 States for Companies Grouped by the Percentage of Stripper Well Lease Volumes to the Total Sales Volumes: 1982—Continued

(Net company interest basis)

Item	Unit of measure	United States, total	Company statistics grouped by selected size-class <sup>1</sup>							
			0.0 to 4.9	5.0 to 9.9	10.0 to 19.9	20.0 to 29.9	30.0 to 39.9	40.0 to 49.9	50.0 to 59.9	60.0 and over
Drilling statistics:										
Exploration dry holes:										
Expenditures.....	Mill. dol....	4,559.5	1,224.6	1,029.6	1,273.1	429.0	197.3	41.3	97.1	267.4
Number of wells.....	Number.....	8,610	3,396	979	836	478	425	177	276	2,043
Total footage drilled.....	Thou. ft....	49,564	19,378	7,086	7,152	3,727	2,179	993	1,372	7,677
Exploration oil wells:										
Expenditures.....	Mill. dol....	1,788.3	450.2	323.0	430.9	120.6	167.2	43.8	30.3	222.4
Number of wells.....	Number.....	5,191	1,879	412	493	185	582	121	162	1,357
Total footage drilled.....	Thou. ft....	26,432	7,937	2,875	3,688	1,334	3,469	624	899	5,606
Exploration gas wells:										
Expenditures.....	Mill. dol....	2,583.9	702.6	781.0	645.4	150.3	106.5	19.3	53.8	124.4
Number of wells.....	Number.....	3,511	1,538	374	356	157	230	63	279	514
Total footage drilled.....	Thou. ft....	20,507	6,828	2,833	3,379	1,391	1,137	387	662	3,890
Development dry holes:										
Expenditures.....	Mill. dol....	1,596.7	371.7	381.6	332.9	156.6	71.9	18.6	23.5	239.8
Number of wells.....	Number.....	4,205	1,410	432	546	237	290	85	310	895
Total footage drilled.....	Thou. ft....	24,426	8,214	3,322	3,393	1,659	1,363	646	838	4,991
Development oil wells:										
Expenditures.....	Mill. dol....	4,620.9	1,026.0	1,060.5	1,228.7	505.4	159.2	117.1	153.6	370.5
Number of wells.....	Number.....	13,905	2,801	1,991	3,228	1,185	627	326	826	2,921
Total footage drilled.....	Thou. ft....	66,515	16,754	9,650	15,196	6,468	3,055	1,810	3,275	10,307
Development gas wells:										
Expenditures.....	Mill. dol....	3,238.4	1,223.1	1,068.4	1,348.0	484.5	255.1	23.9	325.4	510.0
Number of wells.....	Number.....	8,863	2,425	857	1,081	995	658	81	1,360	1,405
Total footage drilled.....	Thou. ft....	57,152	15,021	7,859	8,804	8,042	3,371	510	4,857	8,688
Expenditures for platforms.....	Mill. dol....	32.4	20.8	0.1	7.7	(D)	2.2	-	0.2	(D)
Drilling platforms <sup>3</sup> .....	..do.....	5.1	1.5	-	1.1	(D)	2.2	-	0.1	(D)
Production platforms <sup>4</sup> .....	..do.....	27.2	19.4	0.1	6.7	(D)	-	-	0.1	(D)
Gross book value of fixed assets (end of year) <sup>5</sup> :										
Oil and gas field properties.....	..do.....	150,709.2	28,226.9	39,997.7	48,990.0	16,544.7	7,603.7	1,380.3	2,101.6	5,864.2
Buildings, other structures, and machinery.....	..do.....	146,180.2	27,409.0	38,936.7	47,784.9	15,779.7	7,439.9	1,338.1	2,034.6	5,457.1
	..do.....	4,529.1	817.9	1,061.1	1,205.1	765.0	163.8	42.2	67.0	407.1

Note: Detailed figures may not add to totals because of independent rounding.

<sup>1</sup>The percentages used to group companies within size classes were derived by dividing the stripper well lease volume by the total sales volume for the onshore lower 48 States.

<sup>2</sup>Represents drilling and equipping expenditures during the survey year. However, figures for dry holes, oil wells, and gas wells completed during the survey year include expenditures incurred in prior years. Work-in-progress adjustment (which may be negative) is the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year.

<sup>3</sup>Expenditures for drilling platforms are included in exploration and development drilling and equipping well expenditures.

<sup>4</sup>Expenditures for production platforms are included in expenditures for lease equipment.

<sup>5</sup>Since the treatment of costs is not standardized in accounting methods used by concerns in the oil and gas industry, some companies capitalize costs that others would charge to current expenses. Due to this limitation, detailed asset information is not shown in this table. Table 9 presents this information for groups of companies with similar accounting methods.



# Appendix A. MA-13K Form and Instructions

PENALTY FOR FAILURE TO REPORT

DUE DATE: APRIL 29, 1983

O.M.B. No. 0607-0174 Approval Expires July 31, 1984

<p>FORM MA-13K (10-27-82)</p> <p>U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS</p> <p><b>1982 ANNUAL SURVEY OF OIL AND GAS</b></p>	<p><b>NOTICE</b> → Response to this inquiry is required by law (Title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.</p> <p>In correspondence pertaining to this report please refer to this Census File Number</p>
<p>Please complete and return this form as soon as possible after receipt to</p>	<p><b>BUREAU OF THE CENSUS</b> 1201 East Tenth Street Jeffersonville, Indiana 47132</p>
<p><b>NOTE</b> - The industry totals compiled from data on this form will be published by the Bureau of the Census in Series MA-13K, Oil and Gas, as soon as possible after all reports are received. Copies are available upon request to the Bureau of the Census ATTN: Industry Division Washington, D.C. 20233.</p> <p>If book figures are not available, carefully prepared estimates are acceptable. Complete every item.</p> <p>If filing by due date causes an undue burden, a request for an extension of time should be sent to the above address. Please mention the 11-digit Census File Number in the upper left of the address box if you write regarding this report.</p> <p style="text-align: right;"><b>PLEASE RETURN THIS COPY</b></p> <p style="text-align: right;">Please correct errors in name, address, and ZIP code. ENTER number and street if not shown.</p>	

## GENERAL INSTRUCTIONS

### ► PLEASE READ THESE INSTRUCTIONS AND THE ACCOMPANYING INSTRUCTION SHEET ◀

This report covers domestic oil and gas field activities within the United States and adjacent offshore areas.

Include on a consolidated basis in this report data for oil and gas field properties owned and/or operated by all subsidiaries and divisions of your company. Subsidiaries included in this report should be listed in the "Remarks" section of this form.

#### ► WHO SHOULD REPORT?

**Net Company Interest Basis of Reporting** - Every concern receiving a report form which had operating or non-operating working interest in oil and gas field leases during the year is required to submit data for columns (c) through (l) as applicable.

**Gross Operator Basis of Reporting** - Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others during the year is required to submit data for column (m).

#### ► WHAT ACTIVITIES SHOULD BE REPORTED?

This report should include production, exploration, and development activities on leases either owned or operated by your concern. Also include activities such as generating electricity for oil and gas field use, maintenance of equipment, and receiving, shipping, storage, research, recordkeeping, health, safety, food service, and other services, when carried on primarily for oil and gas field operations. The report should exclude the operation of company stores, boarding houses, bunk houses, and recreational facilities unless they are directly related to exploration, development, or production. Exclude natural gas liquids plants and gas distribution systems.

#### ► WHAT PERIOD SHOULD REPORT COVER?

This report should cover the calendar year. A report is required even if the concern owned working interest or operated leases only part of the year. If your book records are not on a calendar year basis, carefully prepared estimates will be acceptable.

#### ► HOW SHOULD MULTIPLE INDUSTRY COMPANIES DETERMINE TRANSFER VALUES OF PRODUCTS OR MATERIALS TO OR FROM OIL AND GAS FIELD ACTIVITIES?

Interindustry transfers within a company should include, in addition to direct costs of production, a reasonable proportion of "all other costs (company overhead) and profits." Such transfer values should be reported, for example, for crude petroleum transferred to your company's refineries and for natural gas transferred to your company's natural gas liquids plants.

#### ► HOW SHOULD DATA BE ROUNDED?

All data entries except employment and well counts should be rounded to the nearest whole number. (Example 1) \$215,267 should be reported \$215 rather than \$215.3 or \$215,267. (Example 2) 54,716 barrels should be reported 55 thousand barrels rather than 54.7 or 54,716. (Example 3) 1,027,525 thousand cubic feet (MCF) should be reported 1028 million cubic feet (MMCF) rather than 1.0, 1027.5 or 1,027,525.

#### ► HOW SHOULD NET COMPANY INTEREST BASIS DATA BE REPORTED?

► 1. By Geographic Area - Columns (d), (e), (f), and (g) - For each line the sum of the respective detail for geographical area data reported in columns (d), (e), (f), and (g) should equal the United States total in column (c).

**Offshore** - Columns (e) and (g) - Offshore is defined for the purposes of this report to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana, the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

**Onshore** - Columns (d) and (f) - All leases not meeting the offshore criteria are classified as "onshore."

► 2. By Lease Classification - Columns (h), (i), and (j) - Leases are to be classified on the basis of known hydrocarbon presence. Data for unclassifiable nonproducing exploratory leases are to be excluded from the lease classification breakdown. (Data for deeper-pool tests shallower-pool tests, and outposts (extensions) should be classified by the proven pool's hydrocarbon presence.) Any such excluded data (for lines 14, 15, and 18) should be reported in the "Remarks" section of the report form. With the possible exception of lines 14, 15, or 18, the sum of the detail reported in columns (h), (i), and (j) should equal the corresponding figure in column (c).

**Oil leases** - Column (h) - Include leases with all productive or shut-in wells classified as oil wells. Oil wells produce or are capable of producing oil and/or oil and casinghead gas in commercial quantities.

**Gas leases** - Column (i) - Include leases with all productive or shut-in wells classified as gas wells. Gas wells produce or are capable of producing cap gas only, non-associated gas, or gas well gas and lease condensate.

**Combination leases** - Column (j) - Include leases having both oil wells and gas wells or multiple completed wells producing or capable of producing concurrently from separate oil and gas reservoirs. Do not report the sum of columns (h) and (i) in this column.

► 3. By Operator - Columns (k) and (l) - The sum of data reported in columns (k) and (l) should equal column (c) for each line reportable in all three columns.

**Company operated properties** - Column (k) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are operator.

**Non-company operated properties** - Column (l) - The portion of the amount reported in column (c), Total United States, which applies to properties for which you are not the operator.

► Where applicable, please verify the additions of data both horizontally and vertically.

#### ► HOW SHOULD GROSS OPERATOR BASIS AND NET COMPANY INTEREST DATA RELATE?

The net company interest data in column (k) should be a component of the gross operator basis data in column (m) and should not exceed column (m) data for comparable items. The net company interest data in column (l) is not a component of column (m). Gross operator basis data should include information for all oil and gas field properties which you operate regardless of ownership.

In all correspondence with the Bureau of the Census, please include the 11-digit Census File Number which appears in the address box of the report form. Address all correspondence to

► Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

<b>CERTIFICATION</b>	Name of person to contact regarding this report	Address (Number and street, city, State, and ZIP code)	Telephone		
	This report is substantially accurate and covers the period from _____ to _____		Area code	Number	Extension
	Name of company	Address (Number and street, city, State, and ZIP code)			
	Signature of authorized person	Title	Date		

1982 ANNUAL SURVEY OF OIL AND GAS																
Line number	Item	Unit of measure	NET COMPANY INTEREST BASIS										GROSS OPERATOR BASIS			
			GEOGRAPHICAL AREA					LEASE CLASSIFICATION								
			TOTAL UNITED STATES (c)			Alaska		Lower 48		Oil leases (h)	Gas leases (i)	Combination leases (j)	Company operated properties (k)	Non-company operated properties (l)	TOTAL OPERATOR ACCOUNT (m)	
Onshore (d)	Offshore (e)	Onshore (f)	Offshore (g)													
1	I. SALES VOLUMES	Thousand barrels	01016	01024	01032	01040	01057	01063	01073	01081	01099	01107	01115	1		
	A. Total crude petroleum and condensate															
2	1. From stripper well leases (included in line 1)	Thousand barrels	02014	02022	02030	02048	02065	02063	02071	02089	02097	02105	02113	2		
3	2. Lease condensate (included in line 1)	Thousand barrels	03012	03020	03038	03046	03053		03079	03087	03095	03103	03111	3		
4	B. Natural gas	Million cubic feet	04010	04028	04036	04044	04051	04069	04077	04085	04093	04101	04119	4		
5	III. TOTAL LEASE REVENUES		05017	05025	05033	05041	05058				05090	05108		5		
6	A. Total crude petroleum and condensate		06015	06023	06031	06049	06056	06064	06072	06080	06098	06106	06114	6		
7	1. Crude petroleum		07013	07021	07029	07047	07054	07062		07088	07096	07104	07112	7		
8	2. Lease condensate		08011	08029	08037	08045	08052		08078	08086	08094	08102	08110	8		
9	B. Natural gas		09019	09027	09035	09043	09050	09068	09076	09084	09092	09100	09118	9		
10	C. Income received from oil and gas royalties		10017	10025	10033	10041	10048					10108		10		
11	D. Other lease revenues from producing operations		11015	11023	11031	11049	11056				11098	11106		11		
12	III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)		12013											12		
13	A. Total exploration expenditures		13011											13		
14	1. Total drilling and equipping wells		14019	14027	14035	14043	14050	14058	14076	14084	14092	14100	14118	14		
15	a. Dry holes		15016	15024	15032	15040	15057	15065	15073	15081	15099	15107	15115	15		
16	b. Oil wells		16014	16022	16030	16048	16055	16063		16089	16097	16105	16113	16		
17	c. Gas wells		17012	17020	17028	17046	17053		17079	17087	17095	17103	17111	17		
18	d. Work-in-progress adjustment		18010	18028	18036	18044	18051	18059	18077	18085	18093	18101	18119	18		
19	2. Lease and land acquisitions of nonproducing acreage		19018	19026	19034	19042	19059							19		
20	3. Land department, leasing, and scouting		20016	20024	20032	20040	20057							20		
21	4. Geological and geophysical		21014	21022	21030	21048	21055							21		

## APPENDIX A

	22012	22020	22038	22046	22053	27010	27018	27046	27052	27059	27102	27110	22
22 5. Lease rents	23010	23026	23036	23044	23051								23
23 6. Test hole contributions	24018												24
24 7. Other exploration expenditures, including direct overhead	25015												25
25 8. General and administrative overhead not reported elsewhere	26013												26
26 B. Total development expenditures	27011	27029	27037	27045	27052	27059	27066	27078	27086	27094	27102	27110	27
27 I. Total drilling and equipping wells	28019	28027	28035	28043	28050	28058	28066	28076	28084	28092	28100	28118	28
28 a. Dry holes	29017	29025	29033	29041	29056	29064	29072	29082	29090	29098	29106	29114	29
29 b. Oil wells	30015	30023	30031	30039	30054	30062	30070	30078	30086	30094	30102	30110	30
30 c. Gas wells	31013	31021	31029	31037	31052	31060	31068	31076	31084	31092	31100	31112	31
31 d. Work-in-progress adjustment	32011	32029	32037	32045	32052	32060	32068	32076	32084	32092	32100	32112	32
32 2. Lease equipment	33019	33027	33035	33043	33050	33058	33066	33074	33082	33090	33098	33106	33
33 3. Lease and land acquisitions of producing acreage	34017	34025	34033	34041	34056	34064	34072	34080	34088	34096	34104	34112	34
34 4. Fluid injection and improved recovery programs	35014												35
35 5. Other development expenditures, including direct overhead	36012												36
36 6. General and administrative overhead not reported elsewhere	37010												37
37 C. Total production expenditures	38016	38026	38034	38042	38059	38067	38075	38083	38091	38099	38107	38115	38
38 1. Total direct operating expenditures	39016	39024	39032	39040	39057	39065	39073	39081	39089	39097	39105	39113	39
39 a. Operating and maintenance	40012	40022	40030	40038	40055	40063	40071	40079	40087	40095	40103	40111	40
40 b. Well workovers	41012	41020	41028	41036	41054	41062	41070	41078	41086	41094	41102	41110	41
41 c. Other direct expenses	42012												42
42 2. Total indirect operating expenditures	43018	43026	43034	43042	43050	43058	43066	43074	43082	43090	43098	43106	43
43 a. Ad valorem, production, and severance taxes	44016												44
44 b. General and administrative overhead	45013	45021	45029	45037	45054	45062	45070	45078	45086	45094	45102	45110	45
45 c. Other indirect expenses including Federal excise taxes													46
46 IV. TOTAL NUMBER EMPLOYED (For the pay period including March 12)													

## APPENDIX A

Page 3

NET COMPANY INTEREST BASIS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Line number	Item  (Thousand dollars)	(a)	Gross book value of fixed assets at the end of the year	Geographic area										Depreciation, depletion, or amortization of fixed assets		Line number																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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				TOTAL UNITED STATES										Onshore	Offshore		Onshore	Offshore	Charges during the year	Balance of accumulated charges																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
47	V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS	47019	48017	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025	47027	47035	48033	48025

ORNL MA-139 (4-7-82)

## APPENDIX A

Form MA-13K(1)  
10-1-82U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS1982 ANNUAL SURVEY OF OIL AND GAS  
INSTRUCTIONS FOR COMPLETING FORM MA-13K

## I. SALES VOLUMES

► **Line 1 - Total crude petroleum and condensate** - Report volumes in thousand barrels (42 U.S. gallons at 60 degrees Fahrenheit) include hydrocarbons which liquify at atmospheric pressure and temperature and are separated at lease surface facilities. Exclude liquid products derived from natural gas liquid plants which should be included with natural gas volumes on line 4. In columns (c) through (j), report the net company interest sales from all leases in which all or part of the working interest is owned.

In column (m), report gross operator basis sales. Include total volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

► **Line 2 - From stripper well leases (included in line 1)** - Report sales volumes from leases whose average daily production of crude petroleum and petroleum condensates per well did not exceed 10 barrels per day during the preceding calendar year. Reasonable estimates for the year are acceptable if data are not available from bookkeeping records.

► **Line 3 - Lease condensate (included in line 1)** - Report the lease condensate sales volume included in total crude petroleum and condensate.

► **Line 4 - Natural gas** - Report the volume of raw natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting. The volumes reported should be adjusted to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.

In columns (c) through (j), report the volume of net company interest in gas sales including gas delivered to the respondent's own gas processing plants or gas system.

In column (m), report gross operator sales volumes. Include volumes for all leases operated including production payment, royalty, and non-operating working interest shares.

## II. TOTAL LEASE REVENUES

► **Line 5 - Total lease revenues** - Report the totals of lines 6, 9, 10, and 11.

**Lines 6, 7, and 8 - Crude petroleum and condensate** - Report values comparable to the related volumes reported in I, SALES VOLUMES. Do not include the value of liquid products derived from gas processed at natural gas plants which should be included in line 9.

In columns (c) through (j), report the revenues received from crude petroleum and lease condensate sales after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of crude petroleum and lease condensate from properties which you operated including production payment, royalty, and non-operating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 9 - Natural gas** - Report values comparable to the volumes reported in line 4. Lease revenue should include the lease share of revenue derived from the sale of plant liquids and residue gas and revenues from sales of unprocessed gas.

In columns (c) through (j), report the revenues received from natural gas after royalty payments to others, production payment disbursements, and net profit disbursements. Do not deduct production or severance taxes since these should be reported as expenditures.

In column (m), report the total revenues generated from sales of natural gas from properties which you operated including production payment, royalty, and nonoperating working interest shares. Reasonable estimates for royalty and non-operating working interest shares are acceptable if not known.

► **Line 10 - Income received from oil and gas royalties** - Report the net Company interest in revenues from oil and gas royalties for the period. Includes revenue received from oil production payment interests, net profits interests, overriding royalties, etc. Do not include royalty revenue received where both a working and royalty interest exist on the same property. Such royalty interest will be reported on lines 6 through 9 as appropriate.

► **Line 11 - Other lease revenue from producing operations** - Report the net Company interest in the revenue received which is incidental to oil and gas operations, such as equipment rentals, receipts from services performed for others, sales of water, steam, CO<sub>2</sub>, helium, etc. Do not include revenue attributable to operations of gas processing plants or gas systems, or receipts from sale of assets, producing properties, etc. Do not include revenue applicable to mined sulfur, oil shale, oil sands, uranium, or other mineral operations.

## III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED)

► **Line 12 - Total expenditures (capitalized and expensed)** - Report on this line the totals of lines 13, 28, and 32. In this section, the classification of exploratory and development well expenditures should be based on the AAPG well classifications as follows:

Exploratory wells include new field wildcats, new pool wildcats, deeper-pool tests, shallow pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Wells completed successfully in both oil and gas reservoirs should be reported as oil wells (lines 16 or 29 as applicable), in column (j). Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements. Exclude non-cash items such as depletion, depreciation, and amortization, etc., except that on lines 25, 36, and 44 depreciation may be charged for office buildings, etc., where the total cash expenditure for such facilities are not reported elsewhere.

Include capitalized interest payments to detailed expenditures as applicable according to FASB standard 34.

► **Line 13 - Total exploration expenditures** - Report on this line the totals of lines 14, 15, 20, 21, 22, 23, 24, and 25.

► **Line 14 - Total drillings and equipping wells** - Report only the expenditures for drilling and equipping exploratory wells incurred during the year covered by this report. Exclude expenditures for stratigraphic tests and core drilling which are to be reported on line 21. Note that while lines 15, 16, and 17 include prior year expenditures for wells completed during the year covered by this report, line 18 provides for an adjustment so that line 14 (the sum of lines 15, 16, 17, and 18) equals expenditures during the survey year only.

NOTE: For lines 15, 16, and 17 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 15 - Dry holes** - Report expenditures for casing, tubing, and wellhead fittings associated with exploratory dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to exploratory dry wells. Reduce cost by the value of salvaged equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole or dry hole) for drilling exploratory, dry holes.

In column (m), report the total costs for drilling and equipping exploratory dry holes on properties which you operated. Include non-operator costs.

► **Instructions for lines 16 and 17 - Oil and gas wells** - Report expenditures for casing, tubing, and wellhead fittings, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful exploratory drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 22.

In columns (c) through (j), report the net Company working interest in all expenditures (reduced by the amount of outside cash contributions, such as bottom hole) for drilling successful exploratory wells.

## IV. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) - Continued

In column (m), report the total costs for drilling and equipping successful exploratory wells on properties which you operated. Include non-operators costs.

► **Line 16 - Oil wells** - Report the expenditures for exploratory wells completed for production where the result of the drilling was to find oil reserves.

► **Line 17 - Gas wells** - Report the expenditures for exploratory wells completed for production, where the result of the drilling was to find gas (other than casinghead gas) reserves.

► **Line 18 - Work-in-progress adjustment** - Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses.

► **Line 19 - Lease and land acquisition of non-producing acreage** - In columns (c) through (j), report the net Company interest in expenditures incurred during the report period for acquiring undeveloped acreage, including lease bonuses, advance initial rentals, which because of unusual circumstances, are actually in the nature of a bonus and any other outlays necessary to acquire leases, mineral rights, and fee lands incident to oil and gas exploration. Exclude annual rentals and other lease carrying expenditures which should be reported on line 22.

► **Line 20 - Land department, leasing, and scouting** - In columns (c) through (j), report the net Company interest in all land department, scouting, and lease acquisition expenditures except the actual outlays for purchase, land leasing, and rentals which should be reported on lines 19 or 22.

► **Line 21 - Geological and geophysical** - In columns (c) through (j), report the net Company interest in all expenditures for geological and geophysical exploration. Include expenditures for capital equipment identifiable with G & G and for core drilling (such as some types of slim hole stratigraphic tests) where the intention in advance of drilling is not to complete the well as a producing well, and/or when such tests are drilled in such a manner that productive completion is not possible.

► **Line 22 - Lease rentals** - In columns (c) through (j), report the net Company interest in expenditures made during the year for lease rentals and other expenditures for carrying leases, such as shut-in royalties and annual payments. Omit land department, leasing, and scouting expenditures, which should be reported on line 20, and advance rentals which are actually in the nature of a bonus, which should be reported on line 19.

► **Line 23 - Test hole contributions** - Report the net Company interest in all contributions made toward test wells including dry hole money, bottom hole money, etc. Do not include the cost of acreage contributions.

► **Line 24 - Other exploration expenditures, including direct overhead** - Report the net Company interest in all expenditures not listed on lines 14 through 23 which relate directly to exploration for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for exploratory capital equipment constructed or purchased not included in lines 14 through 23. Include direct overhead, especially distinct field exploration functions, e.g., district supervisory salaries, ad valorem taxes on nonproducing leases, and taxes on buildings and equipment used for exploratory purposes. Exclude exploration overhead costs which cannot be directly identified with exploratory activities undertaken during the period which should be reported on line 25. Exclude all exploratory outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.

► **Line 25 - General and administrative overhead not reported elsewhere** - Report the net Company interest in all general operating and administrative expenditures above the field level, which are applicable to exploration activities, excluding only those items which have been directly classified elsewhere. Include salaries, office expenditures, and research and development (R&D) expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas exploration. Do not include interest on investment or State and Federal income taxes.

General and administrative overhead reported in total should be distributed to exploration, development and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.

► **Line 26 - Total development expenditures** - In column (c), report the totals of lines 27, 32, 33, 34, 35, and 36.

► **Line 27 - Total drilling and equipping wells** - Report only the expenditures for drilling and equipping development wells incurred during the year covered by this report. Include expenditures for old wells drilled deeper and redrilled wells, but exclude expenditures for well workers which are to be reported on line 40. Enter in "remarks" estimates for the number of wells, additional footages, and cost for old wells drilled deeper and redrilled wells. Also exclude expenditures for service wells which are to be reported on line 34 or 35. Note that while lines 28, 29, and 30 include prior year expenditures for wells completed during the year covered by this report, line 31 provides for an adjustment so that line 27 (the sum of lines 28, 29, 30, and 31) reflects expenditures during the survey year only. NOTE: For lines 28, 29, and 30 report the total cost of wells completed during the survey year. Include costs incurred during prior years.

► **Line 28 - Dry holes** - Report expenditures for casing, tubing, and wellhead fittings associated with development dry wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to development dry wells. Reduce cost by salvage value of equipment capable of reuse.

In columns (c) through (j), report the net Company interest in all expenditures for drilling development dry holes.

In column (m), report the total costs for drilling and equipping development dry holes on properties which you operated. Include non-operators costs.

► **Instructions for lines 29 and 30 - Oil and gas wells** - Report expenditures for casing, tubing, and wellhead fittings associated with successful development wells, expenditures for roads, grading, etc., expenditures for drilling platforms, and all other expenditures incident to successful development drilling. Exclude all expenditures for equipment beyond the Christmas tree and expenditures for all downhole pumping and artificial lift equipment which should be reported on line 32. Also exclude expenditures for drilling injection wells which should be reported on line 34.

In columns (c) through (j), report the net Company interest in all expenditures for drilling successful development wells.

In column (m), report the total costs for drilling and equipping successful development wells on properties which you operated. Include non-operator costs.

► **Line 29 - Oil wells** - Report the expenditures attributed to wells completed for production of crude petroleum within proved areas of oil reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 30 - Gas wells** - Report the expenditures attributed to wells completed for production of natural gas (other than casinghead gas) within proved areas of gas reservoirs to depths of stratigraphic horizons known to be productive.

► **Line 31 - Work-in-progress adjustment** - Report the net amount of work-in-progress at the end of the survey year, minus earlier year's drilling and equipping expenditures for wells completed during the survey year. If such prior year work-in-progress exceeds the current year work-in-progress, indicate a negative number by enclosing the figure in parentheses. Exclude injection wells in progress which are to be reported on line 34.

NOTE: Data for lines 32, 33, 34, and 35 are to be combined for reporting in columns (k) and (l).

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## APPENDIX A

▶ **III. TOTAL EXPENDITURES (CAPITALIZED AND EXPENSED) — Continued**

- ▶ Line 32 — Lease equipment** — Report the net Company interest in all lease equipment expenditures beyond the Christmas tree installation including flow lines, flow tanks, field separators, heater treaters, production platforms, and related field facilities. Include expenditures for all normal pumping and other artificial lift equipment including downhole installations required for primary production.
- ▶ Line 33 — Lease and land acquisitions of producing acreage** — Report the net Company interest in expenditures incurred during the report period for acquiring developed acreage. Exclude properties not acquired for their mineral value relative to oil and gas operations.
- Do not include acreage originally acquired as nonproducing acreage which has been transferred to producing acreage when production was obtained.
- ▶ Line 34 — Fluid injection and improved recovery programs** — Include gas injection, water injection, steam injection, miscible phase, in situ combustion, etc., associated with oil and gas production. Report expenditures for procuring and installing all facilities and for drilling service wells, or converting existing wells to service wells, associated with such programs. Include pumps, compressors, engines, tanks, gathering and injection lines, treating facilities, special downhole and surface equipment, etc. Service wells include wells used for gas injection, water injection, steam injection, air injection, and water supply for injection. Do not include expenditures for observation wells, salt water disposal wells, water supply wells, or other wells required for primary production operations. This is a component of other development expenditures including direct overhead. **Line 35**
- ▶ Line 35 — Other development expenditures, including direct overhead** — Report the net Company interest in all expenditures not included on lines **27, 32, 33, or 34** which relate directly to development operations for oil and gas, whether such expenditures are capitalized or expensed. Include expenditures for capital equipment constructed or purchased.
- Include direct overhead, especially at district and field level, where such overhead can be identified with the development functions (e.g., district supervisory salaries and taxes on buildings and equipment used for development operations). Exclude overhead costs which cannot be directly identified with development activities undertaken during the year. Exclude all development outlays not specifically devoted to oil and gas operations, such as for mined sulfur, oil shale, uranium, or other minerals.
- ▶ Line 36 — General and administrative overhead not reported elsewhere** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to development activities, excluding only those items which can be directly classified on line **35**. Include salaries, office expenditures, and R & D expenditures. If engaged in activities other than oil and gas, include under this heading only that portion of general and administrative expenditures applicable to oil and gas development operations. Do not include interest on investment or State and Federal income taxes.
- General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.
- ▶ Line 37 — Total production expenditures** — Report on this line the totals of lines **38** and **42**. Do not include expenditures applicable to gas processing plants or gas systems.
- ▶ Line 38 — Total direct operating expenditures** — Include operating and maintenance well, workover, and other direct expenses. For columns (c) through (j), report the totals of lines **39, 40, and 41**.
- ▶ Line 39 — Operating and maintenance** — Report the net Company interest in normal daily operating expenses such as wages and transportation for field personnel directly associated with oil and gas production, materials and supplies consumed, and field office expenses as well as surface repair and maintenance on lease equipment. Also report all other operating and maintenance expenses except workover expense which is reported on line **40**.
- ▶ Line 40 — Well workovers** — Report the net Company interest in all expenditures directly related to well workovers including extended material, contract labor, etc.
- ▶ Line 41 — Other direct expenses** — Report the net Company interest in all other direct production expenses not included on lines **39** and **40**. Specify kind of expenditure in the "Remarks" section on page 3 of the report form.
- ▶ Line 42 — Total indirect operating expenses** — Report on this line the totals on lines **43, 44, and 45**.
- ▶ Line 43 — Ad valorem, production, and severance taxes** — Report the net Company interest in payments for ad valorem, production, or severance taxes to State and local governments. Do not reduce the value of crude oil and natural gas produced at the well head by such amounts. Exclude ad valorem taxes on undeveloped properties and property taxes on buildings and equipment used for exploratory purposes when such are included on line **24**, ad valorem taxes on office buildings or other facilities used for development purposes which should be included on line **36**. Do not include State or Federal income taxes or Federal excise taxes.
- ▶ Line 44 — General and administrative overhead** — Report the net Company interest in all general operating and administrative expenditures above the field level which are applicable to production activities except those items which are included on line **36**.
- General and administrative overhead reported in total should be distributed to exploration, development, and production on a basis of reasonable pro rata share or in accordance with your company's allocation practice.
- ▶ Line 45 — Other indirect expenses, including Federal excise taxes** — Report the net Company interest in all indirect expenses applicable to producing operations which are not included on lines **43** and **44**. Report Federal excise tax expense attributable to the Crude Oil Windfall Profit Tax Act of 1980 including adjustments, such as those resulting from the net income limitation provision. Do not include interest on investment or State and Federal income taxes. Exclude expenses not related to oil and gas operations, such as those related to oil shale, mined sulfur, etc.

▶ **IV. TOTAL EMPLOYMENT**

- ▶ Line 46 — Total employment** — Report on a gross operator basis, oil and gas field employees who worked or received pay for any part of the pay period including March 12 of the survey year. Include all persons on paid sick leave, paid holidays, and paid vacation during the pay period. Exclude members of Armed Forces and persons carried on your active rolls. Include officers of this concern if a corporation. If an unincorporated concern, exclude proprietor or partners. Exclude employees of natural gas liquid clients, gas distribution systems, and refineries. Also exclude employees of contractors or subcontractors who performed work for you. Include persons at central administrative offices and auxiliary services oil and gas field operations. A central administrative office is primarily engaged in general administrative, supervisory, purchasing, accounting, and other management functions performed centrally. An auxiliary is primarily engaged in performing support functions of a service nature for the company itself rather than for the general public. Examples of auxiliary services are storage warehouses, garages, repair shops, research, development, and testing laboratories.

▶ **V. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS**

- ▶ Column (a) and column (b) through (i) — Total gross book value of fixed assets** — Enter the acquisition cost of the fixed assets on the books of the company. Report your own net company interest value before depreciation, depletion, and amortization of all oil and gas field assets whether operated or nonoperated. Exclude the value of any assets belonging to others. In column (a), report the beginning of the year figures and in columns (b) through (i), report the end of the year figures. If assets were acquired during the year, the value at the end of the year, column (i) to (j), should represent your purchase cost adjusted for capital expenditures, column (g), and dispositions, column (h), since the time of purchase.
- Include used assets purchased during the year at their market value at the time of acquisition rather than at the previous book value.
- ▶ Column (c) — Capital expenditures during the year** — Report the actual capital outlays during 1982, not the final value of expenditures put in place during the year. Capital expenditures during 1982 may be determined by the following computation: (a), the cost of additions completed during the year, plus (b), work in progress at the end of the year, minus (d), work in progress at the beginning of the year. Include acquisition and installation costs whether on contract or by your own labor forces. These expenditures are of the type for which depreciation, depletion, or amortization accounts are ordinarily maintained.

▶ **VI. TOTAL FIXED ASSETS AND OTHER CAPITAL RELATED ACCOUNTS — Continued**

- ▶ Column (c) — Capital expenditures during the year — Continued**
- Do not include the cost of maintenance and repairs charged as current operating expenses. Report replacements as well as additions to capacity for new depreciable assets. Report the value of improvements and capitalized repairs to machinery and equipment. Report expenditures for old or existing facilities and for secondhand equipment acquired from others (including the U.S. Government). Include the value of assets, such as producing leases acquired from other operating companies during the year at the company's purchase cost. This column should exclude that portion of item (c) charged to current accounts during the year.
- ▶ Column (d) — Retirements and dispositions** — Report deductions as positive.
- ▶ Column (e) — Asset reclassification adjustment** — Report the net adjustments in asset values necessary to balance beginning of the year to end of the year data for lines **48** to **58** when assets shift from nonproducing or work-in-progress categories. For example, adjustments are necessary to balance lines **50** and **53** when a leasehold changes from a nonproducing to a producing property (from column (b) to column (f)). Entries to work-in-progress categories may be negative or positive. Column (e) data should net equal to zero.
- ▶ Column (k) — Depreciation, depletion, and amortization charges during the year** — Report the reduction in value of depreciable, depletable, or amortizable assets reported in column (f) brought about through use, gradual obsolescence, the effects of the elements (decay or corrosion), oil or gas extraction, etc. Include charges against assets acquired or completed during the year (generally for oil and gas field properties in the production phase of operations). Report cost of depletion as an allocation of wasting investment rather than percentage or statutory depletion used for Federal income tax purposes.
- ▶ Column (l) — Accumulated depreciation, depletion, and amortization** — Report the balance of accumulated charges for depreciation, depletion, and amortization of assets carried on your book keeping records at the end of the year. This amount subtracted from column (f) should compute net fixed assets at the end of the year for lines **47** through **59**.
- ▶ Instructions for lines 47 through 59**
- In lines **47** through **58**, column (b) plus column (c) minus column (d) plus column (e) should equal column (f).
- Companies using the full cost method of accounting that do not maintain separate accounts for nonproducing, producing, and work-in-progress categories should make reasonable estimates of these breakdowns.
- ▶ Line 47 — Total fixed assets and other related accounts** — Report your own net company interest in columns (b) through (l), whether operated or nonoperated. Report on this line the sum of lines **48** and **59**.
- ▶ Line 48 — Total oil and gas properties** — Report on this line the sum of lines **49, 52, and 56**.
- ▶ Line 49 — Nonproducing properties** — Report on this line the sum of lines **50** and **51**.
- ▶ Line 50 — Leaseholds** — Report the values of leases for undeveloped acreage and land held for exploration purposes. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands. Include the value of leaseholds for nonproducing properties where work is in progress.
- ▶ Line 51 — Other pre-development accounts** — Report all other capitalized values including geological and geophysical expenditures, land department cost, etc., relating to undeveloped acreage. Companies using the full cost accounting method should include capitalized dry hole values for unproven leases.
- ▶ Line 52 — Producing properties** — Report the values of properties which are producing, including shut-in leases. Report on this line the sum of lines **53, 54, and 55**.
- ▶ Line 53 — Leaseholds** — Report values of leases and land for producing acreage. Include values for capitalized outlays which were necessary to acquire leases, mineral rights, and fee lands.
- ▶ Line 54 — Intangible drilling and development accounts** — Report values from capitalized intangible drilling and development accounts. Include wages, fuel, repairs, hauling, and supplies, incident to and necessary for the drilling of wells and the preparation of wells for production of oil and gas. Costs of drilling or development work done by contractors are also intangible drilling and development costs.
- ▶ Line 55 — Lease and well equipment** — Report values for tangible well equipment such as casing, tubing, wellhead fittings, etc., and lease equipment such as flow tanks, field separators, heater treaters, and related field facilities. Include drilling and production platforms. Include mobile drilling rigs, transportation equipment, and field service equipment which should be reported on line **59**. Values for items such as lease water production and injection facilities, salt water disposal facilities, lease oil lines, lease gas gathering lines not part of gasoline or cycling plants, etc., should be included.
- ▶ Line 56 — Work-in-progress** — Report data for work which would normally be capitalized as producing properties investment but did not yet completed at year end. Report on this line the sum of lines **57** and **58**.
- For new construction on other improvement projects in progress but not yet completed, include in the value of fixed assets the cumulative capital expenditures for such projects already in place at the beginning and end of the year, respectively. These accounts are not usually carried in depreciation, depletion, and amortization categories. Exclude the value of nonproducing leaseholds which should be reported on line **50**.
- ▶ Line 57 — Intangible drilling and development accounts** — Report the value of work-in-progress accounts for capitalized intangible drilling and development operations. Also see line **54** instructions.
- ▶ Line 58 — Lease and well equipment** — Report values for tangible lease and well equipment for leases where work is in progress but wells and other lease facilities are not yet completed for production.
- ▶ Line 59 — Buildings, other structures, and machinery** — Report investment in exploration, development, and production facilities not included on line **58**. Include such items as warehouses, camps, roads, well drilling equipment, equipment used for exploratory purposes, transportation equipment, furniture and fixtures for office, cafeteria, change rooms, etc. Include a pro rata share of the value of centralized computer facilities used to monitor and control production, to optimize drilling rates or drilling mud mixtures, etc. Exclude non-field operating activities not closely related or directly essential to exploration, development, and production of oil and gas fields.

▶ **VII. DRILLING — PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR**

- ▶ Net company interest** — For lines **60** through **71**, column (a) through (g), report the sum of your company's fractional interest. For example, if your company's share in the cost of drilling and equipping a well is on a 50 percent working interest basis and the well is drilled to a total depth of 10 thousand feet, measured using the well bore, report the number of wells as .5 and the footage drilled as 5 (thousand). Round the sum of fractional interest for the number of wells to the nearest tenth of a well.
- ▶ Gross operator basis** — For lines **60** through **71**, column (h), report 100 percent of the number of wells and footages drilled for wells in which your company was the operator. In order to have a comparable number of digits with net company interest data, enter point zero (0) after the whole number of wells completed.
- ▶ Reasonableness checks for drilling data** — In order to verify the interrelationships of expenditures of drilling and equipping, number of wells and footages drilled please compute the following by well type:
- Average cost per foot: e.g., line 15, column (f) ÷ line 61, column (f)
  - Average cost per well: e.g., line 16, column (g) ÷ line 62, column (g)
  - Average depth per well: e.g., line 71, column (f) ÷ line 70, column (f)

▶ **VIII. EXPENDITURES FOR DRILLING AND PRODUCTION PLATFORMS**

- Report total expenditures during the year for drilling and production platforms, whether such platforms were located on land or offshore. Drilling platform expenditures should be included in expenditures for drilling and equipping exploratory and development wells under lines **12** through **18** and lines **27** through **31**. Expenditures for production platforms should be included under line **32**. However, expenditures for drilling platforms and production platforms also should be reported under lines **72, 73, and 74**.

IMPORTANT  
NOTE

For immediate clarification of instructions or for other reporting problems contact Area Code (301) 763-7170



## Appendix B. MA-13K(S) Form and Instructions

### PENALTY FOR FAILURE TO REPORT

**DUE DATE: APRIL 29, 1983**

O.M.B. No. 0607-0174: Approval Expires July 31, 1984

FORM **MA-13K(S)**  
(9-27-82)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

# 1982 ANNUAL SURVEY OF OIL AND GAS

Complete and return this form  
in the envelope provided to



**Bureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132**

**NOTICE** - Response to this inquiry is required by law (title 13, United States Code). By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this establishment's report please refer to the file number above your name.

(Please correct any error in name and address including ZIP code)

## EMPLOYER IDENTIFICATION NUMBER

Enter your identification number used on your latest Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) \_\_\_\_\_

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**ORGANIZATIONAL STATUS** - Mark (X) the ONE box which best describes this company during 1982

- 1 ☐ Individual proprietorship  
2 ☐ Partnership  
0 ☐ Corporation (Do not mark if any form of cooperative association)
- 8 ☐ Cooperative association (corporate or noncorporate)  
9 ☐ Other — Specify \_\_\_\_\_

## INSTRUCTIONS

This report covers domestic oil and gas field operations within the United States and adjacent offshore areas. Include on a consolidated basis in this report data for oil and gas field properties operated by all subsidiaries and divisions of your company. Subsidiaries and their Employer Identification Numbers should be listed in the "Remarks" section of this form or on an additional sheet of paper.

### ► Who Should Report?

Every concern receiving a report form which had responsibility for the management and day-to-day operation of oil and gas field leases for their own account or for the account of others are required to submit data. "Operation" includes production and maintenance activities as well as efforts limited solely to finding or developing oil and gas reserves.

### ► What Period Should Be Reported?

This report should cover the calendar year. A report is required even if the concern operated leases only part of the year.

### ► How Should Data Be Rounded?

Data should be rounded to the nearest whole number for the unit of measure requested. For instance 125,223 barrels of crude petroleum should be reported 125 rather than 125.2 or 125.223.

### ► How Should Wells Be Classified?

The classification of exploration and development wells should be based on the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool wildcats, deeper-pool tests, shallow-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

Report multiple completion wells completed in both oil and gas reservoirs as oil wells. Classification of completed wells as between oil and gas should be based on the appropriate State regulatory requirements.

If book figures are not available, carefully prepared estimates are acceptable. For clarification of instructions or for resolution of other reporting problems, please write to the Bureau of the Census, Industry Division or call Frank Roy at (301) 763-7170.

## APPENDIX B

1982 ANNUAL SURVEY OF OIL AND GAS						
<b>Item I - PRODUCTS - CRUDE PETROLEUM (INCLUDING LEASE CONDENSATE) AND NATURAL GAS SALES</b> Report the total quantity and value (f.o.b. well) of products shipped from leases that your concern operated. Include production payment, royalty, and nonoperating working interest shares. Report the volume of raw (wet) natural gas including plant condensate volumes but excluding residue gas used for lease operations such as recycling or lifting.						
<div style="border: 1px solid black; padding: 2px; display: inline-block;">LN</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>	Unit of measure (a)	Quantity (b)	Value (Thousand dollars) (c)			
Crude petroleum, including lease condensate (Report volumes corrected to 60 degrees Fahrenheit.)	Thousand barrels	01115	06114 \$			
Natural gas (Adjust all volumes to a pressure base of 14.73 pounds absolute at 60 degrees Fahrenheit.)	Million cubic feet	04119	09118 \$			
<b>Item II - TOTAL EMPLOYMENT</b> Report oil and gas field employees who worked or received pay for any part of the pay period including March 12. Exclude proprietors or partners. Include persons on paid sick leave, holidays, and vacations during the pay period; exclude members of armed forces and pensioners carried on your active rolls. Include officers of the concern, if incorporated. Include persons at central administrative offices and auxiliaries serving oil and gas field operations.				<div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> Number 46110		
<b>Item III - WELLS DRILLED AND COMPLETED DURING THE YEAR</b> Report the footage drilled at the deepest total depth. Report the total costs of drilling and equipping wells. Include costs for labor, supplies, water, fuel, casing, tubing, wellhead fittings, site preparation, road building, drilling hole, cementing casing, hauling materials, etc. Deduct the value of material salvaged after use. Do not reduce costs by test well and dry hole contributions.						
Kind of wells drilled	EXPLORATION			DEVELOPMENT		
	Number of wells (a)	Footage (Thousand feet) (b)	Costs (Thousand dollars) (c)	Number of wells (d)	Footage (Thousand feet) (e)	Costs (Thousand dollars) (f)
<div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> Oil	62067	63065	16113 \$	68064	69062	29116 \$
<div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> Gas	64063	65060	17111 \$	70060	71068	30114 \$
<div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div> Dry	60061	61059	15115 \$	66068	67066	28118 \$
<b>Item IV - REMARKS</b> <div style="height: 100px;"></div>						
<b>Item V - PERSON TO CONTACT REGARDING THIS REPORT</b>						
Name (Please print)			Title		Telephone	
					Area code	Number
					Extension	
<b>Item VI - CERTIFICATION</b> - This report is substantially accurate and has been prepared in accordance with instructions.						
Signature of authorized official			Title and organization			Date

## Appendix C. Description of Survey Sample

For gross operator basis statistics, the 1982 Annual Survey of Oil and Gas used two samples. A listing from the 1977 Census of Mineral Industries, which arrayed companies in ascending order of total value of crude petroleum and natural gas shipments, was the universe from which the primary sample was selected. This primary universe consisted of those companies classified as operators of crude petroleum and natural gas fields (companies primarily engaged in exploration, development, and production activities of crude petroleum and natural gas fields for their own account), as well as oil and gas field service companies which shipped crude petroleum or natural gas as a secondary activity. The companies selected for the primary sample accounted for 93 percent (uninflated) of the total value of crude petroleum and natural gas shipped in 1977.

In addition to this primary sample, a supplemental sample was selected from a universe of companies that were in the 1978 American Association of Petroleum Geologists/American Petroleum Institute well ticket file but were not part of the 1977 Census of Mineral Industries universe. This supplemental sample was initiated to obtain representative data for companies that did not have a chance of being selected in the primary sample. Many of these companies were not in scope of the 1977 Census of Mineral Industries by definition, e.g., they did not have paid employees or may have been inactive during the census year. Companies that were smaller than the selected cutoff levels for the various economic censuses also could have been engaged in oil and gas field operations but had been exempted from census reporting in order to reduce the respondent burden of small businesses.

The primary sample is the sole source of data for net company interest statistics. The primary sample was augmented by the addition of about 40 companies with large nonoperating working interest identified in trade literature or in special coverage questionnaires sent to companies whose 1973 data indicated that they had sizeable operations for the account of others.

As part of the primary sample selection, a certainty universe was first defined based upon three variables, namely the sum total of crude petroleum and natural gas sales, drilling costs, and footage. Any company whose value for at least one of these variables exceeded designated cut-off limits was automatically included in the sample panel. For the remaining companies, a random sample was selected with probabilities proportionate to an assigned measure of size (PPS). Measure of size was defined to be the sum total of crude petroleum and natural gas sales. Similarly, for the supplemental universe, a certainty stratum was defined based upon a cut-off value for total depth drilled. All companies whose value exceeded the cut-off were included in the sample with certainty. For the remaining companies of

the universe, a random sample was drawn with probabilities proportionate to total depth drilled.

An additional sampling operation is performed each survey year in order to bring in a representative sample of new companies (births) that have begun operations during the survey year and which consequently have had no previous chance for inclusion in the oil and gas panel. A birth universe is identified each year from the Census Bureau's master establishment file, the Standard Statistical Establishment List (SSEL). Due to the timing of the selection process, the births identified actually overlap the current survey year and the previous year, but they do approximate the births for a one year time interval; e.g. they may represent second, third, and fourth quarter births from the previous survey year and first quarter births from the current period. A random sample is drawn from the universe frame again using PPS sampling. Since the amount of data on the SSEL file is limited, our practice has been to use annual payroll as the measure of size. Concurrent with this birth operation, the supplemental sample is reviewed and companies that would result in duplicative representation between the primary and supplemental universe estimates are deleted from the supplemental sample.

The estimates presented in this report are simple weighted estimates, obtained by applying the appropriate company weight to each sample company and summing to tabulation levels. The tables in this report essentially are of three types:

1. Basic tabulations where totals are derived by direct summation of data items (weighted) across all companies.
2. An analytical tabulation where the companies are grouped according to percentage-size classes, and total is derived for each group by summing the weighted data across all companies in the group.
3. Concentration tabulations where companies are grouped (or ranked) according to the magnitude of particular data items, and totals are derived by summing the weighted data for companies in the group.

Estimates of relative standard errors were made for statistics comprising the basic tabulations. Based on independent PPS sampling, the variance ( $\sigma_{x'}^2$ ) estimator used was

$$\sigma_{x'}^2 = \sum_h W_h (W_h - 1) X_h^2,$$

where

$W_h$  =  $h$ th company weight,

$X_h$  = unweighted value for the  $h$ th company.

Relative standard errors ( $V_{X'}$ ) were then obtained by the formula

$$V_{X'} = \frac{\sigma_{X'}}{X'}$$

where  $X'$  is the estimated total.

No estimates of relative standard errors were made for the estimated totals presented in the concentration or analytical tables. Statistics for the first 200 companies of the concentration tables are based on certainty weights. All of the sampling error associated with the concentration tables estimates is included in the "all other company" category.

## Appendix D. Qualifications of the Data

The particular sample selected for this survey is one of a large number of similar probability samples of the same size that could have been selected, by chance, using the same sample design. Each of the possible samples would yield somewhat different sets of results. The sampling errors—the differences between the estimates obtained and the results theoretically obtainable from a comparable complete canvass of the same target universe—are unknown. Guides to the potential size of the sampling errors, however, are provided by the estimated relative standard errors of the estimates. These are shown for a few key data items in the report. On the average, relative standard errors tend to be somewhat higher for detailed figures than for larger aggregates.

In addition to the sampling errors, the estimates are subject to various response and operational errors: errors of collection, reporting, transcription, imputation for nonresponse, etc. These operational errors would also occur if a complete canvass were to be conducted under the same conditions as this survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected in the course of the Census Bureau's review of the data for reasonableness and consistency. The estimates for nonresponse companies were based on data from prior ASOG reports of those companies and from other information such as stockholder reports. Nonresponse companies accounted for approximately one-half of 1 percent of the uninflated data and slightly more than 1 percent of the estimated totals shown in this report.

In conjunction with its associated estimates, the relative standard error (computed as the estimated standard error of estimate divided by the value of the estimate itself) may be used to define confidence intervals, range which could be

expected to include comparable complete coverage values for specified percentages of all possible samples. The complete coverage value would be included in the ranges:

1. From one standard error below to one standard error above the derived estimates for about two-thirds of all samples.
2. From two standard errors below to two standard errors above the derived estimates for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimates, almost always.

Table D-1 contains selected statistics and their associated relative standard error estimates.

An inference that the comparable complete coverage results would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining approximate probabilities that the estimates shown would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown as 5,000,000 with an associated relative standard error of 2 percent, that is, a standard error of 100,000 (2 percent of 5,000,000). Then, there is approximately 67 percent confidence that the interval 4,900,000 to 5,100,000 includes the complete coverage total, about 95 percent confidence that the interval 4,800,000 to 5,200,000 includes the complete coverage total, and almost certain confidence that the interval 4,700,000 to 5,300,000 includes the complete coverage total.

Table D-1. Selected Statistics and Relative Standard Error Estimates: 1982

Item	Gross operator		Net company interest	
	Millions of dollars	Relative standard error estimates (percent)	Millions of dollars	Relative standard error estimates (percent)
Crude petroleum and condensate . . . . .	84,967.7	2	67,194.2	2
Natural gas . . . . .	48,172.8	4	32,442.2	3
Assets (end of year) . . . . .	(X)	(X)	233,051.7	2
Drilling expenditures:				
Exploration dry holes . . . . .	9,167.0	3	6,576.2	2
Exploration oil wells . . . . .	3,416.5	6	2,287.8	6
Exploration gas wells . . . . .	5,950.9	4	3,818.6	2
Development dry holes . . . . .	2,470.0	13	1,861.2	11
Development oil wells . . . . .	8,147.2	6	6,075.4	6
Development gas wells . . . . .	9,309.8	4	6,745.4	7

(X) Not applicable.



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